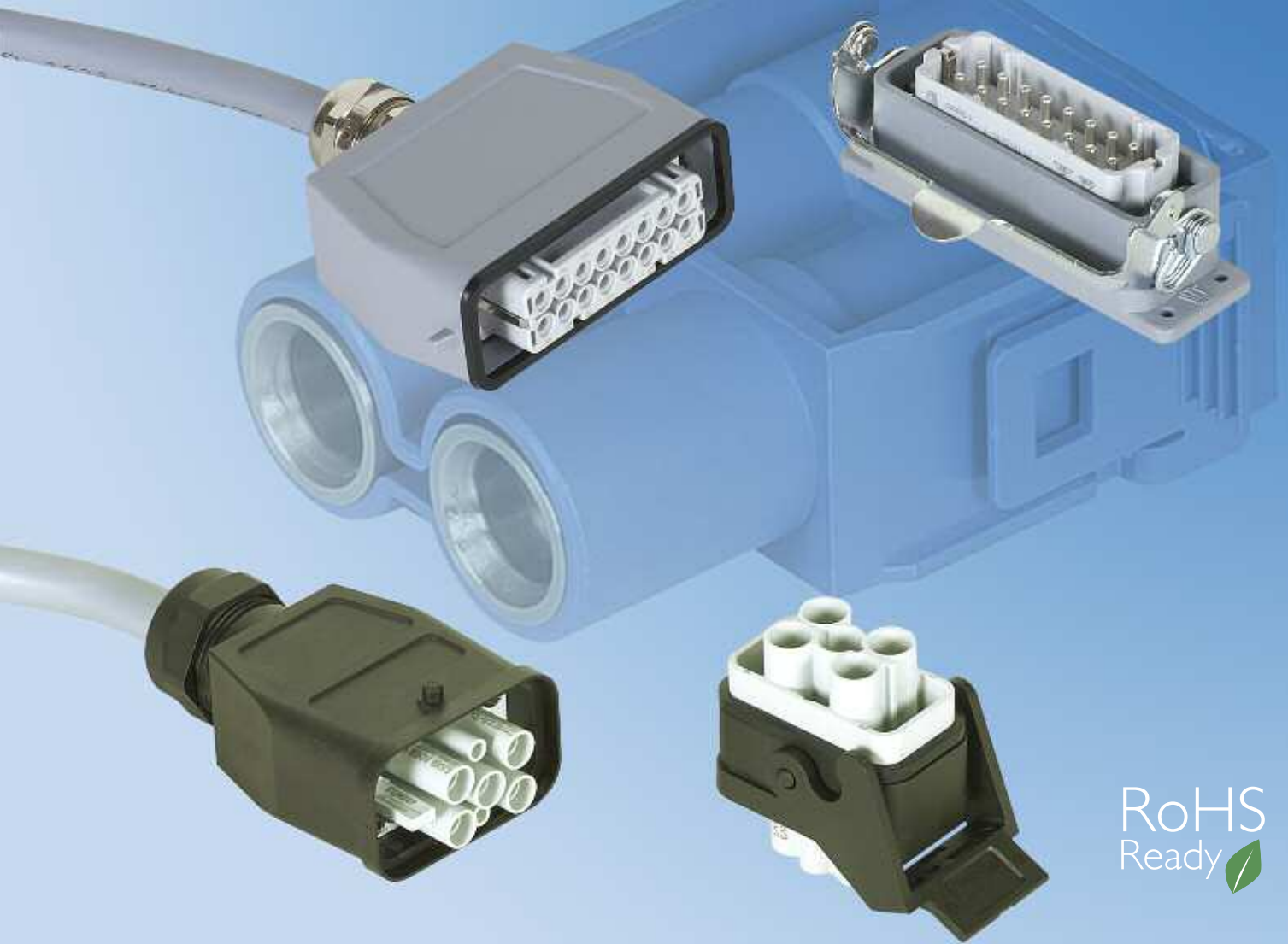




RoHS
Ready 

Industrie-Steckverbinder Heavy Duty Connectors



TE CONNECTIVITY TECHNOLOGY PORTFOLIO



● Connector Systems /
Electromechanical Components

● Relays

● Wireless Products

● Sensors

● Fiber Optic Products

● Wire & Cable

● Application Tooling

● Antennas, GPS Antennas,
Integrated Antenna Systems

● Circuit Protection Devices

● Tubing & Harnessing Products

● Touch Screen Displays

● Power Systems

● Electronic Modules

● Resistors & Inductors

● Battery Connectors &
Assemblies

● Heat Sinks & Thermal Solutions

● Switches and Knobs

● Identification Labeling Products

● Racks & Panels

● Smart Cards / Leadframes



TE Connectivity Online

The TE Connectivity website is an innovative and interactive source for application information, product updates and technical solutions.

Our step-by-step software makes our website intuitive and user-friendly to better serve you!

Please contact us at:

te.com

Product Information Centers

You've got questions? TE's Product Information Centers (PIC) will help you get answers.

Contact a technical product information specialist.

- Email us
- Call us
- Chat with us

Please go to te.com/help for more information.

Internet

te.com/products/HTS

Restriction on the Use of Hazardous Substances (RoHS)

At TE Connectivity (TE), we're ready to support your RoHS requirements. We've assessed more than 1.5 million end items/components for RoHS compliance, and issued new part numbers where any change was required to eliminate the restricted materials. Part numbers in this catalog are identified as:

RoHS Compliant

Part numbers in this catalog are RoHS Compliant, unless marked otherwise.

These products comply with European Union Directive 2002/95/EC as amended 1 January 2006 that restricts the use of lead, mercury, cadmium, hexavalent chromium, PBB, and PBDE in certain electrical and electronic products sold into the EU as of 1 July 2006.

Note: For purposes of this Catalog, included within the definition of RoHS Compliant are products that are clearly "Out of Scope" of the RoHS Directive such as hand tools and other non-electrical accessories.

Non-RoHS Compliant

These part numbers are identified with a "◆" symbol. These products do not comply with the material restrictions of the European Union Directive 2002/95/EC.

5 of 6 Compliant

A "●" symbol identifies these part numbers. These products do not fully comply with the European Union Directive 2002/95/EC because they contain lead in solderable interfaces (they do not contain any of the other five restricted substances above allowable limits). However, these products may be suitable for use in RoHS applications where there is an application-based exemption for lead in solders, such as the server, storage, or networking infrastructure exemption.

Note: Information regarding RoHS compliance is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information provided by our suppliers. This information is subject to change. For latest compliance status, refer to our website referenced below.

Getting the Information You Need

Our comprehensive on-line RoHS Customer Support Center provides a forum to answer your questions and support your RoHS needs. A RoHS FAQ (Frequently Asked Questions) is available with links to more detailed information. You can also submit RoHS questions and receive a response within 24 hours during a normal work week. The Support Center also provides:

- Cross-Reference from Non-compliant to Compliant Products
- Ability to browse RoHS Compliant Products in our on-line catalog: te.com/customersupport/productcompliance
- More detailed information regarding the definitions used above

So whatever your questions when it comes to RoHS, we've got the answers at www.te.com/leadfree

RoHS
Customer
Support
Center 

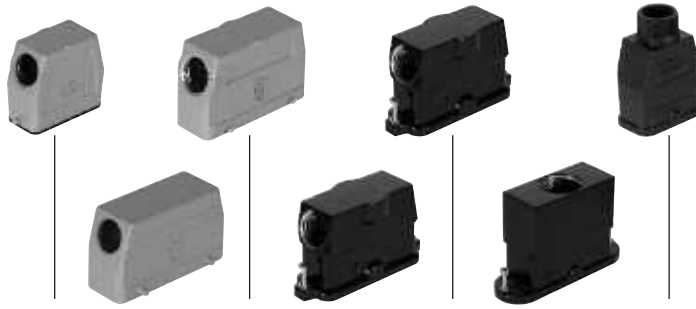
Inhalt/Contents

	Seite/Page
Produkt-Übersicht/Product overview	4 – 9
Technische Hinweise/Technical information	10 – 27
Anschlussarten/Termination types	28 – 31
Crimpkontakte und Werkzeuge/Crimp contacts and tools	32 – 44

Kontakteinsätze/Contact inserts	Gehäuse-Serien/Housing series	Baugröße/Size	
HA.3, HA.4, HE-Q.5, HD.7, HN.D.7	HA.3, HG-Q.5, EMV.3/4, HIP-K.3/4	1 1	45 – 48 49 – 54
HG-Q 4+2, HG-Q 8, HG-Q 10	HG-Q, HG-Q.EMV	Q Q	55 56 – 58
HA.10, HD.15, HN.D.15	HA.10, HD.15	2 2	60 – 62 63 – 65
HE.6, HEE.10, HVT.8, HD.16, HN.2D.24, HSK 4+2	HB.6, HB-KF.6, HD.16, EMV-K.6/16, HIP-K.6/16	3 3	66 – 72 73 – 80
HE.10, HEE.18, HVT.14, HD.24, HN.2D.42, HMX 8/24	HB.10, HB-KF.10, HD.24, EMV-K.10/24, HIP-K.10/24	4 4	81 – 86 87 – 99
HA.16, HD.25, HN.D.25	HA.16, HD.25	5 5	100 – 102 103 – 105
HSB.6/35, HE.16, HEE.32, HVT.23, HD.40, HN.D.40, HSK.6+36, HN.2D.72, HMX 6/12, HMX 12/2, HMX 4/0, HMX 4/1	HB.16, HB-KF.16, HD.40, EMV-K.16/40, HIP-K.16/40	6 6	106 – 114 115 – 126
HA.32, 2xHN.D.25, 2xHD.25	HA.32	7 7	127 – 129 130 – 131
HSS.8+2, HMX.4/8, HE.24, HEE.46, HVT.35, HVT.48, HD.64, HN.D.64, HN.2D.108	HB.24, HB-KF.24, HD.64, HD-KF.64, HD.108, EMV-K.24/64, EMV-KF/K.64, HI-KP.24/64, HIP-KF.24/64	8 8	132 – 138 139 – 151
HA.48	HA.48	9 9	152 153 – 154
HSB.12/35, HE.32, HD.80, HN.D.80, HN.2D.144	HB.32	10 10	155 – 159 160 – 165
HA.64	HA.64	11 11	166 167
HE.48, HD.128, HN.D.128, HN.2D.216, HEE 92	HB.48	12 12	168 – 171 172 – 174

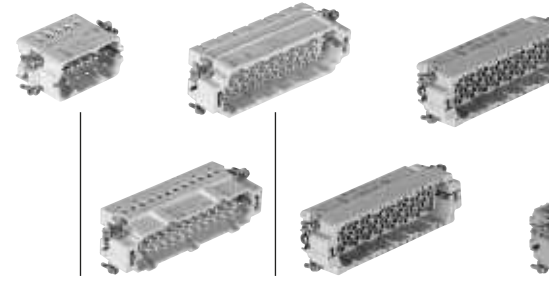
HF-Serie/HF series	175 – 176
Schutzkontakt-Serie/Schutzkontakt series	177
Quick-In-System/Quick-In-System	178
Schirmzubehör/Accessories for braided/shielded applications	181 – 183
Schutzhauben/Cover	184 – 185
Adapterbleche/Adapter plates	186 – 187
Kabelverschraubungen/Cable fittings	188 – 193
Modul System MDL/Module System MDL	194 – 203
Modul System HVS/Module System HVS	204 – 213
Bestellnummern mit Seitenangabe/Ordering Numbers with pages	214 – 228

Gehäuse/Housings

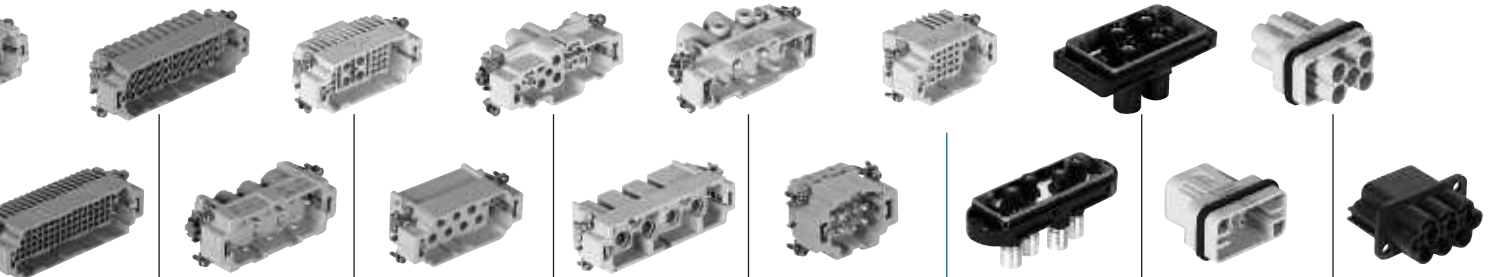


Serie Series	HA	HB	HD	HIP-K	EMV-K	HF	HG Q
Merkmale	Schmale Standard Serie	Breite Standard Serie	Hohe Standard Serie	Druckdicht Korrosions-geschützt	Störspannungssicher Druckdicht Korrosions-geschützt	Störspannungssicher Druckdicht Korrosions-geschützt	Kunststoff
Features	<i>thin standard Series</i>	<i>wide standard series</i>	<i>High standard Series</i>	<i>pressure tight Corrosion protected</i>	<i>EMC Dense and pressure tight Corrosion protected</i>	<i>EMC Dense and pressure tight Corrosion protected</i>	<i>plastic</i>
IP	44 - 65	65	65	68	68	68	65
Verriegelung Locking system	VS LB	VS LB ZB	VS LB ZB	VS = 2 Verschlussbüge / 2 lever locking LB = 1 Längsbügel/ 1 locking lever ZB = 1 Zentralbügel/ 1 central locking SV = 2 Schrauben/ 2 Screws			
Baugröße Size	Seite Page	Seite Page	Seite Page	Seite Page	Seite Page	Seite Page	Seite Page
1	49–50			53–54	53–54		51–52
Q							56–58
2	63–65		63–65				
3		73–78	73–78	79–80	79–80		
4		87–97	87–97	98–99	98–99		
5	103–105		103–105				
6		114–124	115–124	125–126	125–126		
7	130–131						
8		139–149	139–149	150–151	150–151	176	
9	153–154						
10		160–165					
11	167						
12		172–174				176	

Kontakteinsätze/Contact Inserts

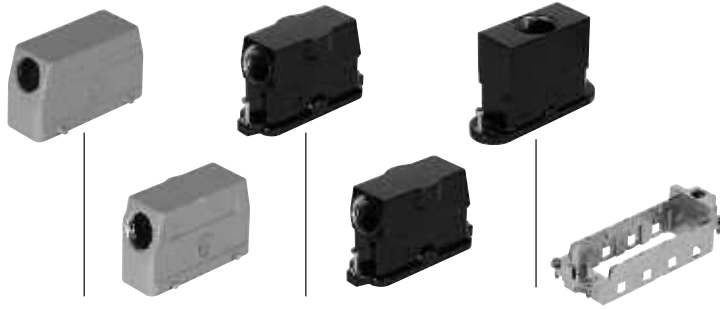


Serie Series	HA	HE	HEE	HD	HN.D
Elektr. Kennwerte nach VDE Last/Signal Rating according VDE Power/signal	250V 10A (size 1) 16A	400V 16A	500V 16A	250V 10A	250V 10A
Verschmutzungsgrad Degree of pollution	3	3	3	3	3
Anschlussart Type of terminals	Crimp/ Screw/ Spring	Crimp / Screw / Spring	Crimp	Crimp (stamped)	Crimp
Weitere Normen Additional standards	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984 DIN EN 175.301-801	DIN VDE 0627 EN 61984 DIN EN 175.301-801
Baugröße Size	Pole Pos. Seite Page	Pole Pos. Seite Page	Pole Pos. Seite Page	Pole Pos. Seite Page	Pole Pos. Seite Page
1	3 4 45	5 46		7 8 48	7 8 47
Q					
2	10 60			15 62	15 61
3		6 66	10 67	16 69	
4		10 81	18 82	24 84	
5	16 100			25 102	25 101
6		16 106	32 107	40 110	40 109
7	32 127			50 129	50 128
8		24 132	46 133	64 136	64 135
9	48 152				
10		32 155		80 158	80 157
11	64 166				
12		48 168	92 170	128 170	128 169

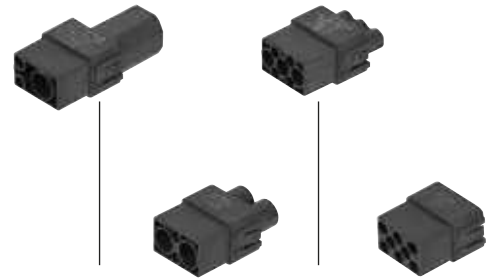


HN.2D	HVT	HSB	HSK 6/36	HMX 12/2	HMX 6/12	HSS	HMX (4/0, 4/2)	HSK 4/2	HMX 8/24	HF 8	HF 13	HG-Q8	HG-Q4+2	HG-Q10
250V 10A	400V 16A	400V 35A	690V/ 250V 40A/10A	500V/ 250V 40A/10A	690V/ 400V 40A/10A	600V/ 400V 63A/16A	690V 400V 80A/16A	500V/ 400V 40A/16A	400V/ 250V 16A/10A	1000V 250A	3000V 350A	500V 16A	690V 40A	400V 20A
3	3	3	3	3	3	3	3	3	3	3	3			
Crimp	Crimp	Screw	Crimp	Crimp	Crimp	Crimp	Screw	Screw	Crimp	Crimp	Crimp	Crimp	Crimp	Crimp
DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	ISO 23570-3	ISO 23570-3	DIN VDE 0627 EN 61984
Pole Pos. Seite Page	Pole Pos. Seite Page	Pole Pos. Seite Page	Pole Pos. Seite Page	Pole Pos. Seite Page	Pole Pos. Seite Page	Pole Pos. Seite Page	Pole Pos. Seite Page	Pole Pos. Seite Page	Pole Pos. Seite Page	Pole Pos. Seite Page	Pole Pos. Seite Page	Pole Pos. Seite Page	Pole Pos. Seite Page	Pole Pos. Seite Page
												8 55	4/2 55	10 55
24 70	8 68							4/2 71	8/24 85					
42 85	14 83													
72 109	23 108	6 113	6/36 111	12/2 112	6/12 112		4/0 4/2 113							
108 135	35 48 134					8/2 137	4/8 137			4 175	4 175			
144 157		12 156												
216 169														

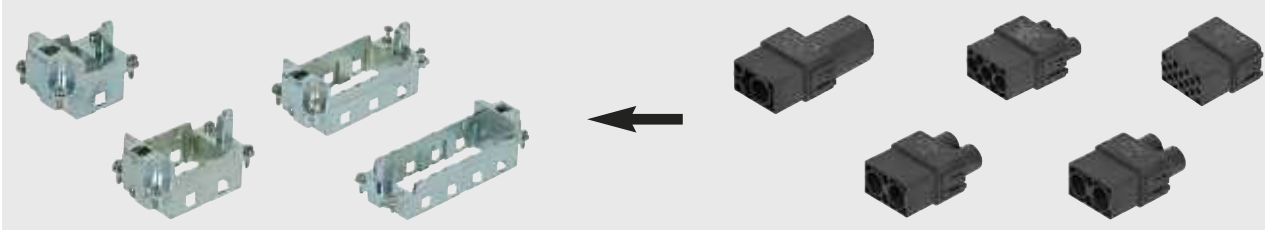
Gehäuse/Housings

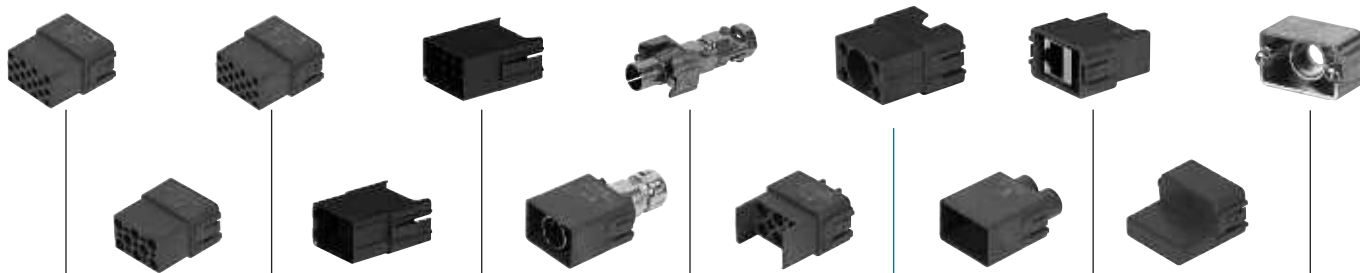


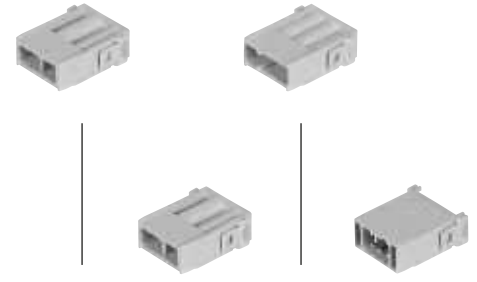
Kontakteinsätze/Contact Inserts



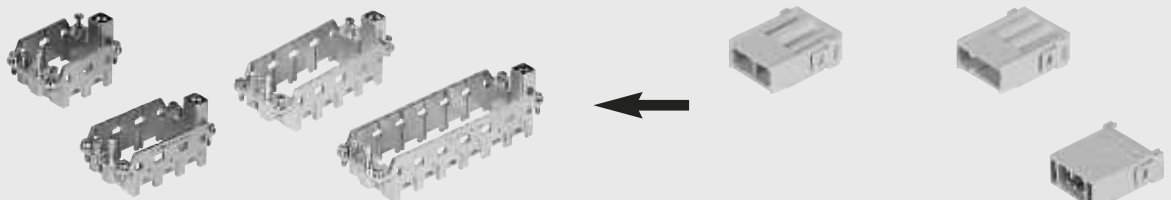
Serie Series	HB	HD	HIP-K	EMV-K	HF	Rahmen Frame	Serie Series	MDL 1+2	MDL 2+2	MDL 3+4	MDL 8
Merkmale	Breite Standard Serie	Hohe Standard Serie	Druckdicht Korrosions- geschützt	Störspan- nungssicher Druckdicht Korrosions- geschützt	Störspan- nungssicher Druckdicht		Elektr. Kennwerte nach VDE Last/Signal Rating according VDE Power/ signal	1000V/250V 150A/10A	1000V/250V 63A/10A	1000V/250V 40A/10A	400V 16A
Features	wide standard series	High standard Series	pressure tight Corrosion protected	EMC Dense and pressure tight Corrosion protected	EMC Dense and pressure tight Corrosion protected		Polzahl Poles	1+ 2	2+ 2	3+ 4	8
IP	65	65	68	68	68		Verschmut- zungsgrad Degree of pollution	3	3	3	3
Verriegelung Locking system	VS LB ZB	VS LB ZB	SV	SV	SV		Anschluss- art Type of ter- minals	Crimp	Crimp	Crimp	Crimp
	VS = 2 Verschlussbüge /2 lever locking LB = 1 Längsbügel/1 locking lever ZB = 1 Zentralbügel/1 central locking SV = 2 Schrauben/2 Screws						Weitere Normen Additional standards	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984 DIN EN 175.301- 801	DIN VDE 0627 EN 61984
Baugröße Size	Seite Page	Seite Page	Seite Page	Seite Page	Seite Page	Seite Page	Seite Page	194	194	195	195
3	73–78	73–78	78–80	78–80		72 + 201					
4	87–90	87–97	98–99	98–99		86 + 201					
6	114–124	115–124	125–126	125–126		114 + 202					
8	139–149	139–149	150–151	150–151	176	138 + 202					
10	160–165					159 + 203					
12	172–174				176	171 + 203					

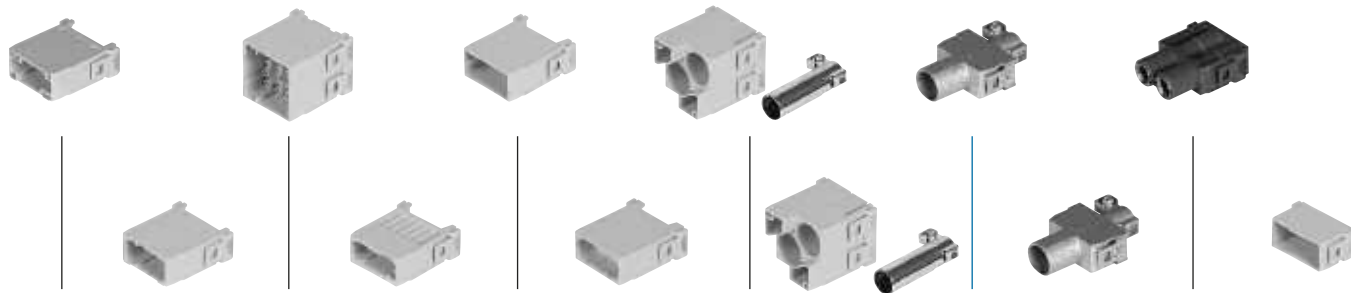
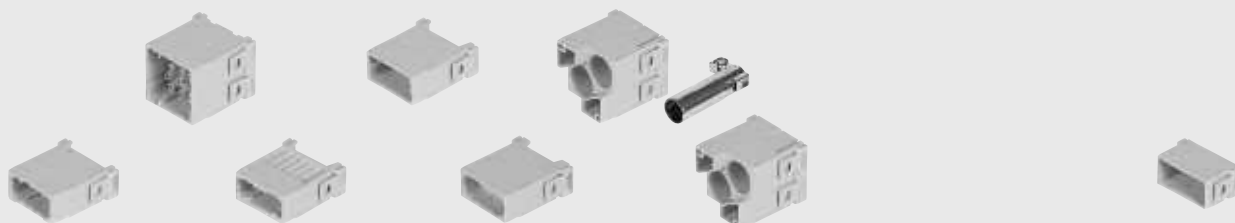


[illegible]

Gehäuse/Hoods**Kontakteinsätze/Contact Inserts**

Serie Series	HB	HD	HIP-K	EMV-K	HF	Rahmen Frame	Serie Series	HSS.2	HSK.2	HSK.3	HE 5 SC
Merkmale	Breite Standard Serie	Hohe Standard Serie	Druckdicht Korrosions- geschützt	Störspan- nungssicher Druckdicht Korrosions- geschützt	Störspan- nungssicher Druckdicht		Elektr. Kennwerte nach VDE Last/Signal Rating according VDE Power/ signal	500V/63A	1000V/40A	690V/40A	400V/16A
Features	wide standard series	High standard Series	pressure tight Corrosion protected	EMC Dense and pressure tight Corrosion protected	EMC Dense and pressure tight Corrosion protected		Polzahl Poles	2	2	3	5
IP	65	65	68	68	68		Verschmut- zungsgrad Degree of pollution	3	3	3	3
Verriegelung Locking system	VS LB ZB	VS LB ZB	SV	SV	SV		Anschluss- art Type of ter- minals	Crimp	Crimp	Crimp	Spring Clamp
	VS = 2 Verschlussbüge / 2 lever locking LB = 1 Längsbügel / 1 locking lever ZB = 1 Zentralbügel / 1 central locking SV = 2 Schrauben / 2 Screws						Weitere Normen Additional standards	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984	DIN VDE 0627 EN 61984
Baugröße Size	Seite Page	Seite Page	Seite Page	Seite Page	Seite Page	Seite Page	Seite Page	204	204	205	205
3	73–78	73–78	78–80	78–80		72 + 211					
4	87–90	87–97	98–99	98–99		86 + 211					
6	114–124	115–124	125–126	125–126		114 + 212					
8	139–149	139–149	150–151	150–151	176	138 + 212					
10	160–165										
12	172–174				176						

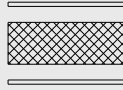
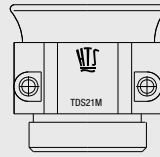


[illegible]

Steckverbinder Bauteilkomponenten/Connector components

Kabel-Verschraubung

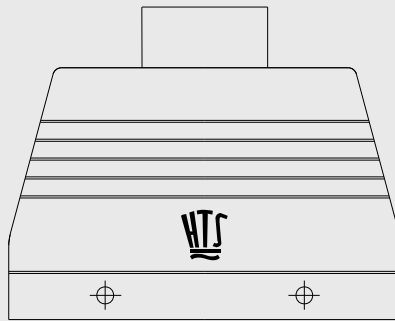
Spezial-Kabelverschraubungen für Schutzarten bis IP 68 und für EMV-Anwendung lieferbar



Gehäuse-Oberteil

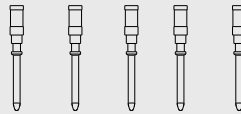
Standard- und korrosionsgeschützte Stecker Gehäuse

- in niedriger oder hoher Bauform
- 4 unterschiedliche Verriegelungssysteme
- unterschiedliche Kabeleingänge: Panzergewinde (PG) metrische Gewinde (M) NPT-Gewinde (NPT)



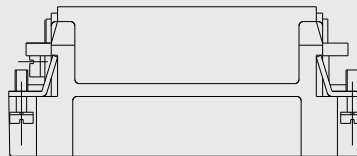
Kontakte

Silber- oder Goldoberfläche
Gedrehte Massivkontakte mit Schraub-, Feder oder Crimp-Anschluss



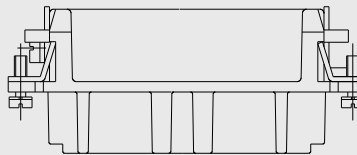
Stift-Einsatz

Schraub-, Spring Clamp-, oder Crimp-Anschluss



Buchsen-Einsatz

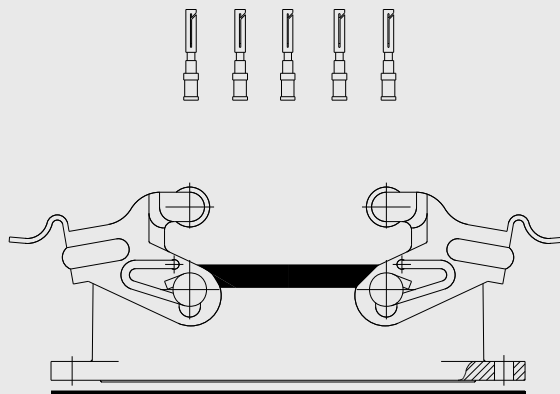
Schraub-, Spring Clamp-, oder Crimp-Anschluss



Gehäuse-Unterteil

Standard- und korrosionsgeschützte Anbau-, Sockel-, und Kupplungs-Gehäuse

- Niedrige oder hohe Bauform der Sockel- und Kupplungs-Gehäuse, ohne/mit komplett montiertem Aludeckel
- 4 unterschiedliche Verriegelungssysteme



Cable fitting

Special cable fittings for protection up to IP 68 and for electro-magnetic compatibility available

Hood

Standard and corrosion-resistant connector hoods:

- low and high construction
- 4 different locking systems
- different cable entries: PG Thread M Thread NPT Thread

Contacts

Silver or gold plated
Solid machined contacts with screw, spring or crimp termination

Male insert

Screw, Spring clamp or crimp terminal

Female insert

Screw, Spring clamp or crimp terminal

Hood and housing

Standard and corrosion-resistant bottom-entry, surface-mounted and cable-to-cable hoods:

- low and high construction (bottom-entry and cable-to-cable hood) with/without aluminium cover
- 4 different locking systems

Approvals/Zulassungen							
Series ○ = in Vorbereitung/in process	VDE	SEV	UL File E28476	CSA File 81776	Germanischer Lloyd	Application Specification	Product Specification
HA 3/4	•	•	•	•		114-74010	108-74008
HA 10/16	•	•	•	•		114-74056	108-74055
HB 6-24			•			114-74009	108-74007
						114-74003	108-18215
						114-74008	108-74004
HE Q5	○		○	○			108-74005
HE 6-24	•	•	•	•	•	114-74003	108-18215
						114-74008	108-74064
						114-74003	108-74004
							108-74005
							108-18215
HEE 10-46			○	○			
HD/HN.D 7	•	•	•	•		114-74000	
						114-74015	108-74002
HN.D 8	•	•				114-74000	
						114-74015	108-74018
HD/HN.D 15/25	•	•	•	•		114-74000	108-74002
						114-74015	108-74018
HD 16/24	•	•	•	•		114-74000	108-74002
HD/HN.D 40-64	•	•	•	•		114-74000	108-74002
						114-74015	108-74018
HVT 8-23+48	•	•				114-74026	
						114-74013	108-74035
HVT 35	•	•	○	○		114-74026	
						114-74013	108-74035
HN.2D 24-108	•	•	•	•			108-74012
HSB 6	•	•	•	•		114-74007	108-74006
HSS 8	•	•	•	•		114-74028	108-74016
MDL 1+2			•	•		114-74031	108-74024
MDL 3+4			•	•		114-74036	108-74017
MDL 2+2			•	•			108-74031
MDL HN.D 15 & MDL HN.D 18			•	•		114-74000	
						114-74015	108-74032
MDL HD 15 & MDL HD 18			•	•			108-74033
MDL Air Pneumatic			•	•		114-74014	108-74013
MDL Twinax			•	•		114-74020	
						114-74044	
MDL Koax			•	•		114-74033	
						114-74034	
MDL HVT 8			•	•		114-74013	108-74034
HVS	○		○	○		○	○
HSK 6/36	○		○	○		114-74062	
HMX 4/2; HMX 4/0	○		○	○		114-74058	108-74058
HMX 8/24	○		○	○		114-74061	108-74060
HMX 6/12	○		○	○		114-74051	108-74051
HMX 4/8	○		○	○		114-74067	108-74065
HMX 12/2	○		○	○		114-74068	108-74066
HSK 4/2	○		○	○		114-74063	108-74061
HF13			○	○		114-74032	108-74044
HF8			○	○		114-74043	108-74044
HMX 8/24			○	○		114-74061	
HG-Q8	○		○	○		114-74050	108-74050
HG-Q4+2	○		○	○		114-74055	108-74053
						114-74062	
HG-Q10	○		○	○		114-74065	

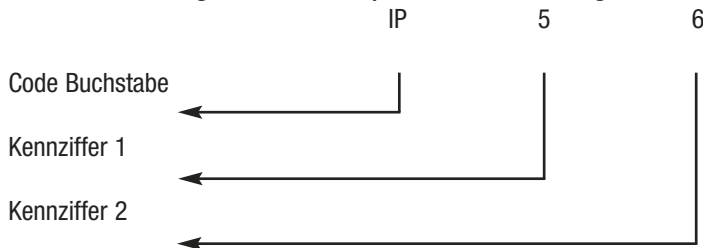
HA 3/4						114-74002	
						114-74010	108-74000
HA						114-74001	108-74009
						114-74004	108-74026
Quick in Adapter						114-74024	
HB							108-74001
							108-74003
						114-74001	108-74014
						114-74004	108-74027
HM.10							108-74041
HD							108-74001
						114-74001	108-74003
						114-74004	108-74027
HIP-K							108-74030
EMV-K							108-74036
HF						114-74035	
						114-74036	
HG Q						114-74064	
						114-74065	108-74052

Schutzarten von elektrischen Betriebsmitteln

Elektrische Betriebsmittel müssen aus Sicherheitsgründen gegen Einflüsse von außen geschützt werden. Diese Aufgabe übernehmen Gehäuse, die das elektrische Betriebsmittel gegen Berührung, das Eindringen von festen Fremdkörpern, Staub, Feuchtigkeit oder Wasser schützen. Die Norm IEC 529 mit dem Titel „Schutzarten durch Gehäuse (IP-Code)“ bildet die Grundlage für die Bestimmung und Kennzeichnung der Schutzart eines Gehäuses.

Der Umfang der Schutzes (Schutzart) durch ein Gehäuse wird mittels genormter Prüfverfahren nachgewiesen. Zur Einteilung verschiedener Gehäuse bezüglich ihrer Schutzart wird ein Bezeichnungssystem verwendet. Das Bezeichnungssystem besteht aus den Code-Buchstaben IP und zwei nachfolgenden Kennziffern.

Zusammensetzung des IP – Code (International bzw. Ingress Protection)



Die erste Kennziffer gibt den Berührungs- und Fremdkörperschutz, die zweite den Schutz des Gehäuses gegen das Eindringen von Wasser an. Die folgende Tabelle enthalten Kurzbeschreibung sowie Definitionen der einzelnen Kennziffern des IP-Codes.

Bedeutung der ersten Kennziffer

Die erste Kennziffer gibt an, inwieweit das Gehäuse Personenschutz gewährleistet. Dieser Schutz wird erreicht, indem das Eindringen eines Körperteils (oder eines Gegenstandes der von einer Person gehalten wird) in das Gehäuse verhindert wird. Gleichzeitig gewährt das Gehäuse dem Betriebsmittel Schutz gegen das Eindringen von festen Fremdkörpern. Dies ist der Grund dafür, dass es zu jeder ersten Kennziffer 2 Beschreibungen und 2 Definitionen gibt.

Erste Kennziffer	Schutzgrad gegen Zugang von gefährlichen Teilen und gegen feste Fremdkörper	
	Kurzbeschreibung	Definition
0	Nicht geschützt	
1	-Geschützt gegen feste Fremdkörper mit Ø 50mm -Geschützt gegen den Zugang zu gefährlichen Teilen mit dem Handrücken.	Kugel mit Ø 50mm darf nicht voll eindringen
2	-Geschützt gegen feste Fremdkörper 12,5 mm Durchmesser -Geschützt gegen den Zugang zu gefährlichen Teilen mit einem Finger	Prüffinger mit Ø 12mm muss ausreichend Abstand von gefährlichen Teilen haben.
3	-Geschützt gegen feste Fremdkörper Ø 2,5mm -Geschützt gegen den Zugang zu gefährlichen Teilen mit einem Werkzeug	Prüfsonde mit Ø 2,5mm Durchmesser darf nicht eindringen.
4	-Geschützt gegen feste Fremdkörper Ø 1,0mm Durchmesser. -Geschützt gegen den Zugang zu gefährlichen Teilen mit einem Draht	Prüfsonde mit Ø 1mm Durchmesser darf nicht eindringen.
5	Staubgeschützt	Eindringen von Staub wird nur soweit verhindert, dass dieser das zufriedenstellende Arbeiten des Gerätes oder die Sicherheit nicht beeinträchtigt.
6	Staubdicht	Kein Eindringen von Staub.

Bedeutung der zweiten Kennziffer

Die zweite Kennziffer gibt an, inwieweit das Gehäuse schädliche Einflüsse auf das Betriebsmittel infolge des Eindringens von Wasser verhindert.

Zweite Kennziffer	Schutz gegen Wasser	
	Kurzbeschreibung	Definition
0	Nicht geschützt	
1	Geschützt gegen Tropfwasser	Senkrecht fallende Tropfen dürfen keine schädliche Wirkung haben
2	Geschützt gegen Tropfwasser, wenn das Gehäuse bis zu 15° geneigt ist.	Senkrecht fallende Tropfen dürfen keine schädliche Wirkung haben, wenn das Gehäuse um einen Winkel bis zu 15° beiderseits der Senkrechten geneigt ist.
3	Geschützt gegen Sprühwasser.	Wasser, das in einem Winkel bis zu 60° beiderseits der Senkrechten gesprüht wird, darf keine schädliche Wirkung haben.
4	Geschützt gegen Spritzwasser.	Wasser, das aus jeder Richtung gegen das Gehäuse spritzt, darf keine schädliche Wirkung haben.
4K	Geschützt gegen Spritzwasser mit erhöhtem Druck.	Wasser, das aus jeder Richtung mit erhöhtem Druck gegen das Gehäuse spritzt, darf keine schädliche Wirkung haben. (gilt nach DIN 40 050 Teil 9 nur für Straßenfahrzeuge)
5	Geschützt gegen Strahlwasser.	Wasser, das aus jeder Richtung als Strahl gegen das Gehäuse spritzt, darf keine schädliche Wirkung haben.
6	Geschützt gegen starkes Strahlwasser.	Wasser, das aus jeder Richtung als starker Strahl gegen das Gehäuse spritzt, darf keine schädliche Wirkung haben.
6K	Geschützt gegen starkes Strahlwasser mit erhöhtem Druck.	Wasser, das aus jeder Richtung als Strahl mit erhöhtem Druck gegen das Gehäuse gerichtet ist, darf keine schädliche Wirkung haben. (gilt nach DIN 40050 Teil 9 nur für Straßenfahrzeuge)
7	Geschützt gegen die Wirkung beim zeitweiligen Untertauchen in Wasser.	Wasser darf nicht in einer Menge eintreten, die schädliche Wirkung verursacht, wenn das Gehäuse unter genormten Druck- und Zeitbedingungen zeitweilig in Wasser untergetaucht ist
8	Geschützt gegen die Wirkung beim dauernden Untertauchen in Wasser.	Wasser darf nicht in einer Menge eintreten, die schädliche Wirkung verursacht, wenn das Gehäuse dauernd unter Wasser getaucht ist unter Bedingungen, die zwischen Hersteller und Anwender vereinbart werden müssen. Die Bedingungen müssen jedoch schwieriger sein als für die Kennziffer 7.
9K	Geschützt gegen Wasser bei Hochdruck-/Dampfstrahlreinigung.	Wasser, das aus jeder Richtung unter stark erhöhtem Druck gegen das Gehäuse gerichtet ist, darf keine schädliche Wirkung haben. (gilt nach DIN 40 050 Teil 9 nur für Straßenfahrzeuge)

Isolationskoordination für elektrische Betriebsmittel in Niederspannungsanlagen

Bemessung der Luft- und Kriechstrecken nach DIN EN60664-1. (Die folgenden Seiten stellen lediglich einen Auszug der Norm dar und zeigen nicht den vollständigen Inhalt)

Isolationskoordination

Isolationskoordination umfasst die Auslegung der elektrischen Isolation eines Betriebsmittels hinsichtlich dessen Anwendung und Umgebung.

Dies geschieht einerseits durch Auslegung der Luftstrecken (Basis ist dabei die zu erwartende Überspannung), andererseits durch Auslegung der Kriechstrecken (Basis sind dafür die Betriebsspannungen sowie die Isolierstoffeigenschaften). Weiter werden isolationseigenschaft-verändernde Bedingungen berücksichtigt (Verschmutzung, Schutzmaßnahmen gegen Verschmutzung, Luftdruck, thermische oder chemische Beeinflussung).

Luftstrecken werden nach der äußeren oder inneren zu erwartenden Überspannungen bemessen. Die 4 Überspannungsklassen (Überspannungskategorien I bis IV) berücksichtigen die unterschiedliche Verwendung eines Betriebsmittels. Die für die jeweilige Nennspannung des Versorgungsnetzes unterschiedliche Bemessungs-Stoßspannungen ist hierbei die Grundlage.

Je nach Homogenitätsgrad des Feldes zwischen den Elektroden (Fall A – inhomogenes Feld, Fall B – homogenes Feld) können die Luftstrecken aus Tabelle 2a (Mindestluftstrecken) bestimmt werden; Industriesteckverbinder werden immer nach dem „Fall A“ ausgelegt. Der Einfluss durch Verschmutzung wird bei der Festlegung von Luft- und Kriechstrecken durch vier Schärfegrade (Verschmutzungsgrad 1 bis 4) berücksichtigt.

Grundlage der **Kriechstrecken** ist die aus der Betriebsspannung abgeleitete Bemessungsspannung.

Die Mindestkriechstrecken sind in Tabelle 4 den Bemessungsspannungen je nach Verschmutzungsgrad zugeordnet.

Enthalten die Produktbeschreibungen keine zusätzlichen Angaben, sind die in diesem Katalog aufgeführten Produkte nach dieser Bestimmung (DIN EN60664-1) für Überspannungskategorie III und Verschmutzungsgrad 3 bemessen.

Überspannungskategorie I bis IV

- Betriebsmittel der **Überspannungskategorie I** sind Waren zum Anschluss an die feste elektrische Installation eines Gebäudes. Es ist entweder in der festen Installation oder zwischen der festen Installation und dem Gerät, Maßnahmen zur Begrenzung der transienten Überspannungen getroffen worden.
- Betriebsmittel der **Überspannungskategorie II** sind energieverbrauchende Betriebsmittel, die von der festen Installation gespeist werden.
Anmerkung: z. B. Haushaltsgeräte, tragbare Werkzeuge und andere Hausgeräte sowie ähnliche Verbraucher.
- Betriebsmittel der **Überspannungskategorie III** sind Bestandteil der festen Installation. Es sind Betriebsmittel, bei denen ein höherer Grad der Verfügbarkeit erwartet wird.
Anmerkung: Beispiele für solche Geräte sind z.B. Industriesteckverbinder, Verteilertafeln, Leistungsschalter, Verteilungen, Schalter, Steckdosen).
- Geräte der **Überspannungskategorie IV** sind für den Einsatz am Anschlusspunkt der Installation bestimmt.
Anmerkung: Beispiele für solche Geräte sind Elektrizitätszähler, Überstromschutzschalter und Rundsteuergeräte.

Verschmutzungsgrad 1 bis 4

In DIN EN60664-1 sind die Verschmutzungsgrade wie folgt definiert:

Verschmutzungsgrad 1:

Es tritt keine oder nur trockene, nicht leitfähige Verschmutzung auf. Die Verschmutzung hat keinen Einfluss.

Verschmutzungsgrad 2:

Es tritt nur nichtleitfähige Verschmutzung auf. Gelegentlich muss mit vorübergehender Leitfähigkeit durch Betauung gerechnet werden.

Verschmutzungsgrad 3:

Es tritt leitfähige Verschmutzung auf oder trockene, nichtleitfähige Verschmutzung, die leitfähig wird, da Betauung zu erwarten ist.

Verschmutzungsgrad 4:

Es tritt eine dauernde Leitfähigkeit auf, hervorgerufen durch leitfähigen Staub, Regen oder Nässe.

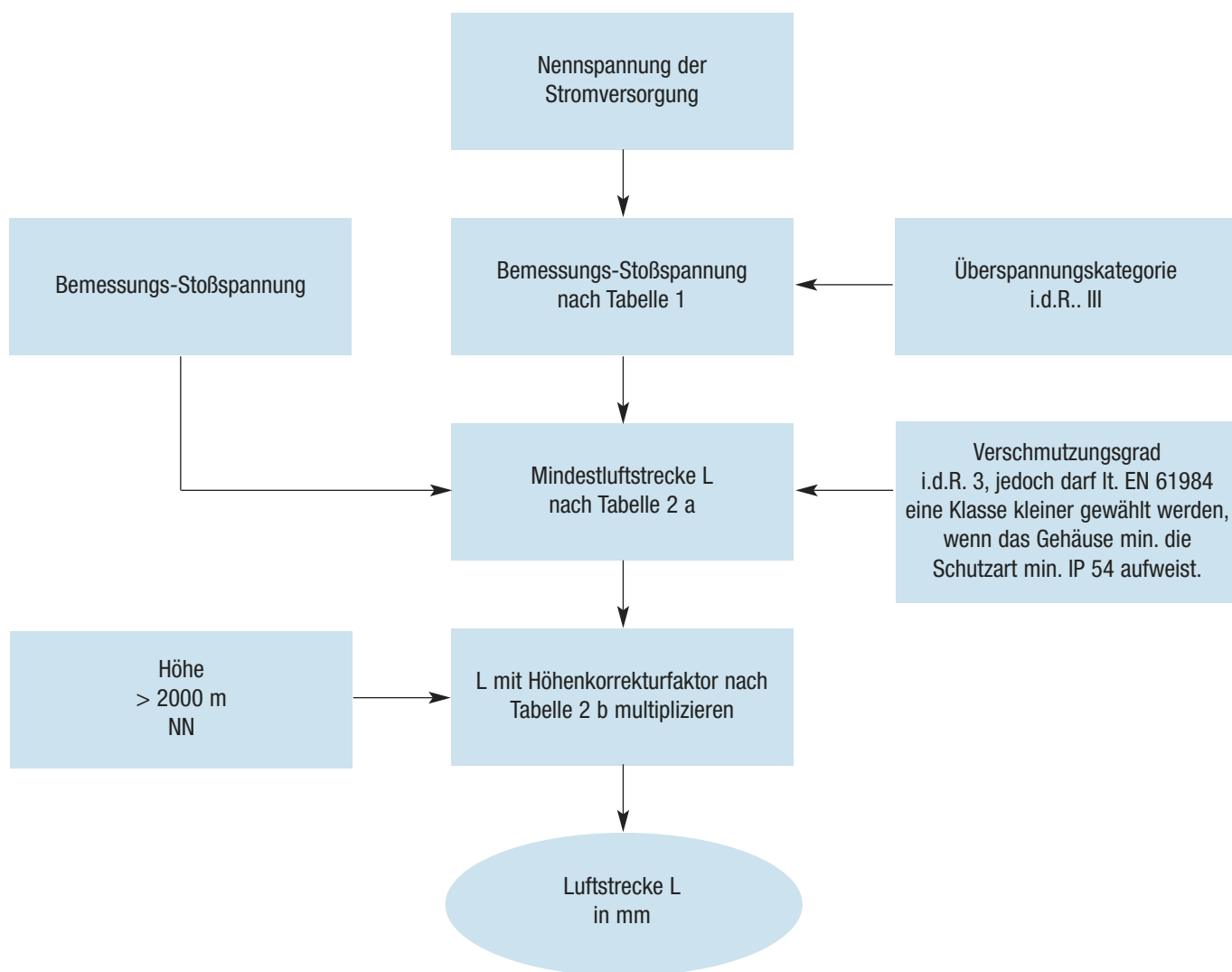
Isolierstoff

Die Isolierstoffe werden entsprechend ihren Vergleichszahlen der Kriechwegbildung (Comparativ Tracking Index) CTI in folgende vier Gruppen eingeteilt:

Isolierstoff I:	$600 \leq \text{CTI}$
Isolierstoff II:	$400 \leq \text{CTI} < 600$
Isolierstoff III a:	$175 \leq \text{CTI} < 400$

Bemessung der Luftstrecken

Schema zur Ermittlung der Luftstrecken



Bemessungs-Stoßspannung für Betriebsmittel (Tabelle 1)					
Nennspannung des Stromversorgungssystems *) in V		Bemessungs-Stoßspannung in kV (1,2/50ms) für			
Dreiphasige Systeme	Einphasige Systeme im Mittelpunkt	Betriebsmittel an der Einspeisung der Installation (Überspannungskategorie IV)	Betriebsmittel als Teil der festen Installation (Überspannungskategorie III)	Betriebsmittel zum Anschluss an die feste Installation (Überspannungskategorie II)	Besonders geschützte Betriebsmittel (Überspannungskategorie I)
	120 bis 240	4	2,5	1,5	0,8
230/400**		6	4	2,5	1,5
277/480**					
400/690**		8	6	4	2,5
1000		12	8	6	4

*) ausgewählte Spannungswerte

**) der / Strich bezeichnet ein Dreiphasen-Leitersystem. Der tiefere Wert ist die Spannung Leiter zu Neutralleiter, während der höhere Wert die Spannung Leiter zu Leiter ist

Mindestluftstrecken für die Isolationskoordination (Tabelle 2 a)

Erforderliche Steh- Stoßspannung 1) [kV]	Fall A (inhomogenes Feld) Verschmutzungsgrad				Fall B (homogenes Feld) Verschmutzungsgrad			
	1	2	3	4	1	2	3	4
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
0,33 _)	0,01	_)	0,2	0,80	0,01	_)	0,2	0,8
0,40	0,02				0,02			
0,5 _)	0,04				0,04			
0,60	0,06				0,06			
0,80 _)	0,10				0,10			
1,0	0,15	0,25	0,80	1,6	0,15	0,2	0,8	1,6
1,2	0,25				0,2			
1,5 _)	0,5	0,5	1,0	3	0,3	0,3	1,2	3
2,0	1,0	1,0			0,45	0,5		
2,5 _)	1,5	1,5	1,5	2	0,6	0,6	1,5	2
3,0	2	2	2	3	0,8	0,8		
4,0 _)	3	3	3	4	1,2	1,2	1,2	4
5,0	4	4	4	5	1,5	1,5	1,5	5
6,0 _)	5,5	5,5	5,5	6	2	2	2	6
8,0 _)	8	8	8	8	3	3	3	8
10	11	11	11	10	3,5	3,5	3,5	10
12 _)	14	14	14	12	4,5	4,5	4,5	12
15	18	18	18	15	5,5	5,5	5,5	15
20	25	25	25	20	8	8	8	20
25	33	33	33	25	10	10	10	25
30	40	40	40	30	12,5	12,5	12,5	30
40	60	60	60	40	17	17	17	40
50	75	75	75	50	22	22	22	50
60	90	90	90	60	27	27	27	60
80	130	130	130	80	35	35	35	80
100	170	170	170	100	45	45	45	100

1) Die Spannung ist

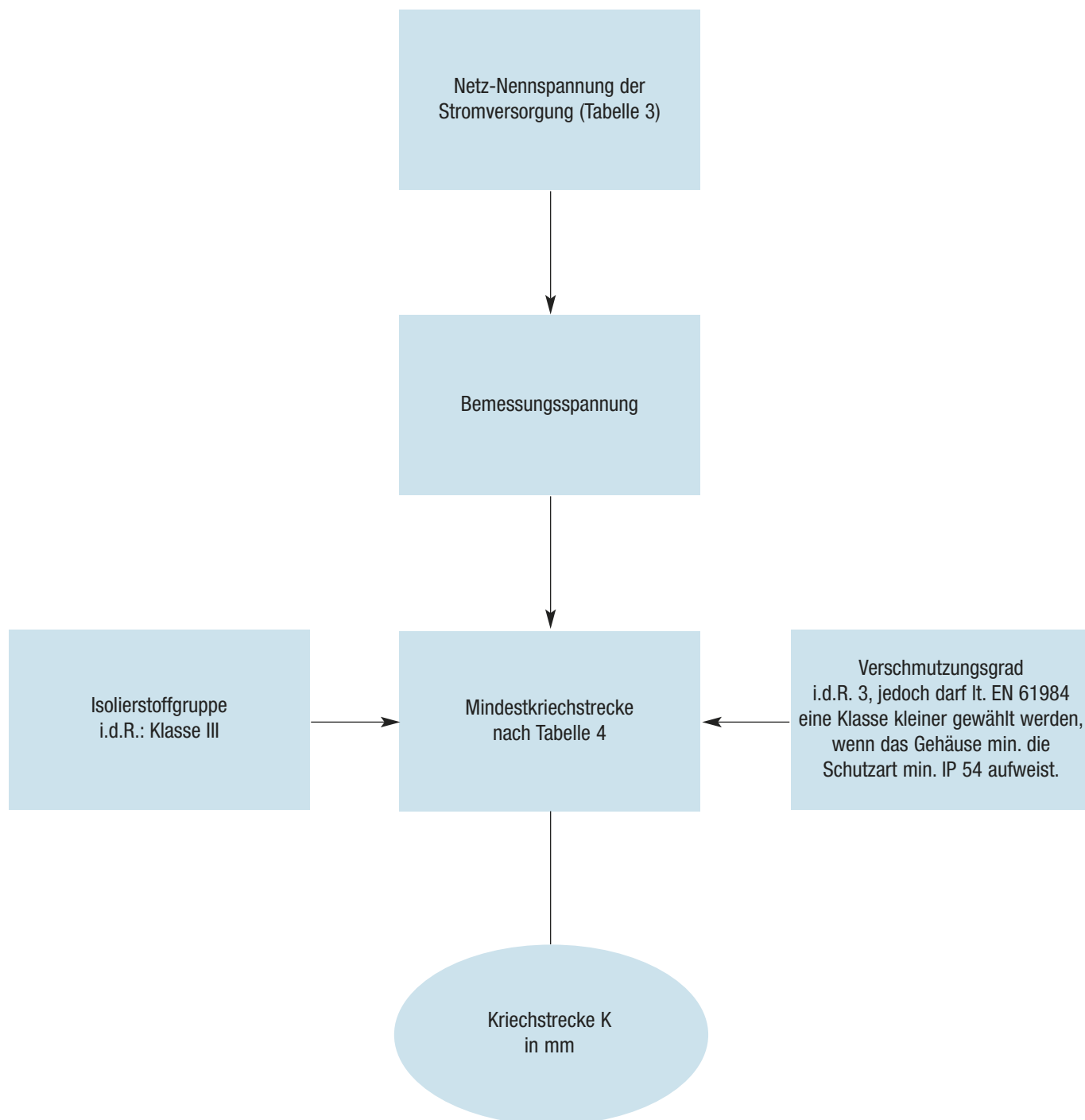
- für Funktionsisolierung: die höchste an der Luftstrecke zu erwartende Stoßspannung;
 - für Basisisolierung, falls direkt oder wesentlich beeinflusst durch transiente Überspannung aus dem Niederspannungsnetz: die Bemessungs-Stoßspannung des Betriebsmittels;
 - für andere Basisisolierung: die höchste Stoßspannung, die im Stromkreis auftreten kann;
- _) Vorzugswerte

Höhen-Korrekturfaktoren (Tabelle 2 b)

Höhe in m	Normaler Luftdruck in kPa	Multiplikationsfaktor für Abstände
2000	80,0	1,00
3000	70,0	1,14
4000	62,0	1,29
5000	54,0	1,48
6000	47,0	1,70
7000	41,0	1,95
8000	35,5	2,25
9000	30,5	2,62
10000	26,5	3,02
15000	12,0	6,67
20000	5,5	14,50

Bemessung der Kriechstrecke

Vereinfachtes Schema zur Ermittlung der Kriechstrecke



Netz-Nennspannung der Stromversorgung* [V]	Bemessungsspannung [V]
60	63
110/120/127	125
150	160
208	200
220/230/240	250
300	320
380/400/415	400
440	500
480/500	500
575	630
600	630
660/690	630
720/830	800
960	1000
1000	1000

Tabelle 3

* die Auswahl stellt nicht den vollständigen Zusammenhang zwischen allen möglichen weltweit verwendeten Netzformen und der Bemessungsspannung dar

Mindestkriechstrecke für Betriebsmittel mit langzeitiger Spannungsbeanspruchung										
Bemessungs- Spannung [V]	Verschmutzungsgrad									
	Isolierstoffgruppe				Isolierstoffgruppe			Isolierstoffgruppe		
	I)	I	II	III	I	II	III	I	II	III
10	0,08	0,40	0,40	0,40	1,00	1,00	1,00	1,6	1,6	1,6
12,5	0,09	0,42	0,42	0,42	1,05	1,05	1,05	1,6	1,6	1,6
16	0,10	0,45	0,45	0,45	1,10	1,10	1,10	1,6	1,6	1,6
20	0,110	0,48	0,48	0,48	1,20	1,20	1,20	1,6	1,6	1,6
25	0,125	0,50	0,50	0,50	1,25	1,25	1,25	1,7	1,7	1,7
32	0,140	0,53	0,53	0,53	1,30	1,30	1,30	1,8	1,8	1,8
40	0,16	0,56	0,80	1,10	1,4	1,6	1,8	1,9	2,4	3,0
50	0,18	0,60	0,85	1,20	1,5	1,7	1,9	2,0	2,5	3,2
63	0,20	0,63	0,90	1,25	1,6	1,8	2,0	2,1	2,6	3,4
80	0,22	0,67	0,95	1,3	1,7	1,9	2,1	2,2	2,8	3,6
100	0,25	0,71	1,00	1,4	1,8	2,0	2,2	2,4	3,0	3,8
125	0,28	0,75	1,05	1,5	1,9	2,1	2,4	2,5	3,2	4,0
160	0,32	0,80	1,1	1,6	2,0	2,2	2,5	3,2	4,0	5,0
200	0,42	1,00	1,4	2,0	2,5	2,8	3,2	4,0	5,0	6,3
250	0,56	1,25	1,8	2,5	3,2	3,6	4,0	5,0	6,3	8,0
320	0,75	1,60	2,2	3,2	4,0	4,5	5,0	6,3	8,0	10,0
400	1,00	2,00	2,8	4,0	5,0	5,6	6,3	8,0	10,0	12,5
500	1,30	2,50	3,6	5,0	6,3	7,1	8,0	10,0	12,5	16,0
630	1,8	3,2	4,5	6,3	8,0	9	10,0	12,5	16	20
800	2,4	4,0	5,6	8,0	10,0	11	12,5	16,0	20	25
1000	3,2	5,0	7,1	10,0	12,5	14	16,0	20,0	25	32

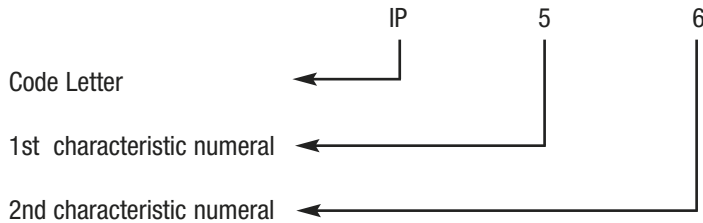
Tabelle 4

Degree of protection provided by enclosures

For safety reasons, electrical equipment needs to be protected against outside influences. The basis for the determination is the standard IEC 529 titled 'Degree of protection provided by enclosures (IP – Code)'.

Using a standardized test procedure the extent of the protection class is verified. To classify different housings according to their protection class, a designation system is used which consists of the code – letters 'IP' and two code numbers.

Arrangement of the IP – Code (International bzw. Ingress Protection)



Meaning of the 1st characteristic numeral

The first numeral describes the protection of the housing against intrusion of foreign bodies as well as the protection of people against dangerous parts or influences. Because of this, there are two descriptions and definitions for each of the first code letter.

1st numeral	Protection against solid objects and against access to hazardous parts	
	short description	definition
0	no protection	
1	-protection against solid foreign bodies of Ø 50mm -protection against access to hazardous parts with the back of a hand	A sphere of Ø 50mm, must not intrude
2	-protection against solid foreign bodies of Ø 12 mm -protection against access to hazardous parts with the finger	A sphere of Ø 12mm diameter, must not intrude
3	-protection against solid foreign bodies of 2,5 mm diameter and bigger -protection against access to hazardous parts with a tool	A sphere of Ø 2,5mm diameter, must not intrude
4	-protection against solid foreign bodies of 1,0 mm diameter and bigger -protection against access to hazardous parts with a wire	The probe, sphere of Ø 1,0mm, must not intrude
5	protected against dust	The infiltration of dust is not completely prevented, but it does not infiltrate to such an extent that the operation or the safety of the device is affected.
6	dust proof	No infiltration of dust

Meaning of the 2nd characteristic numeral

The second numeral describes the protection of the housing against the intrusion of water with harmful effects.

second code digit	Protection degrees against the intrusion of water, designated by the second code digit	
	short description	definition
0	not protected	
1	protected against dripping water	Vertically falling drops shall have not harmful effects.
2	protected against dripping water when the housing is at an angle of up to 15°	Vertically falling drops shall have not harmful effects when the enclosure is tilted upto 15°
3	protected against water spray	Water sprayed at an angle up to 60°, shall have no harmful effects
4	protected against splash water	Water splashed against the enclosure from any direction shall have no harmful effects
4K	protected against splash water with increased pressure	Water splashed against the enclosure with increased pressure from any direction shall have no harmful effects (Applies acc to DIN 40050 - 9 only for road vehicles)
5	protected against jets of water	water splashes against the enclosure from any direction as a water jet shall have no harmful effects
6	protected against strong jets of water	water splashes against the enclosure from any direction as a strong water jet shall have no harmful effects
6K	protected against strong jets of water with increased pressure	water splashes directly against the enclosure from any direction as a strong water jet with increased pressure, shall have no harmful effects (Applies acc to DIN 40050 - 9 only for road vehicles)
7	protection against the effects of temporary submersion in water	Quantity of water that ingresses an enclosure, when it is temporarily immersed under standardized conditions of pressure and time, shall have no harmful effects.
8	protection against the effects of continuous submersion in water	Quantity of water that ingresses an enclosure, when it is continuously immersed under conditions of pressure and time, shall have no harmful effects. The conditions must, however be harder than for code digit 7 and agreed between user and producer.
9K	Protected against water during high-pressure / jet-stream cleaning.	Water that is directed against the housing with greatly increased pressure from any direction must not have any detrimental effect (Applies acc to DIN 40050 - 9 only for road vehicles)

Insulation Coordination for Electrical Connectors in Low Voltage Plants

Dimensioning of Clearance and Creeping Distances acc. to DIN EN60664-1; following pages show only a part of the standards

Insulation Coordination

Insulation coordination includes the design of the electrical insulation of a connector depending on its use and environment. This occurs either by design of the clearance distances (basis is the expected power surge) or by design of the creeping distance (basis is the operating voltage as well as the quality of the insulating material). Furthermore, insulation-changing conditions are taken into account (pollution, protective measures against pollution, air pressure, thermal or chemical influences).

Air distances are measured according to the outer or inner power surge expected. The four power surge classes (power surge categories I to IV) take the different use of the connector into account.

Depending on the homogeneity of the field between the electrodes (case A – inhomogenous field, case B – homogenous field) the air distances can be determined according to table 2a (minimum air distances); industrial connectors are always determined according to case A.

The influence from pollution when determining the air- and **creeping distances** is taken into account by using four degrees of severity (pollution degree 1 to 4).

Basis of the creeping distances is the rated voltage which is deduced from the operating voltage.

The minimum creeping distances are allocated in table 4 depending on the severity of pollution.

If the product descriptions do not contain any additional information the products listed in this catalogue were rated according to norm DIN VDE 0110 for surge category III and severity of pollution 3.

Surge Category I to IV

- resources of surge category I are goods for the termination of fixed electrical installations of a building. Measures for the limitation of transient surges were taken either in the fixed installation or between the fixed installation and the equipment.
- resources of surge category II are resources which use power and are fed from a fixed installation.
Note: e. g. domestic appliances, portable tools and other appliances as well as similar consumers.
- resources of surge category III are part of a fixed installation. They are resources from which a high degree of availability is expected.
Note: Examples for such appliances are e.g. industrial connectors, distribution panels, power switches, distributors, switches, sockets).
- Devices of surge category IV are for use at the supply terminal of the installation.
Note: Examples for such appliances are electricity counters, overload cut-out switches and Rundsteuergeräte.

Pollution Degree 1 to 4

DIN VDE 0110 defines the pollution degrees as follows: :

Pollution Degree 1:

There is no or only dry, non-conductive pollution. The pollution is without influence.

Pollution Degree 2:

There is only non-conductive pollution. Occasional momentary conductivity due to condensation.

Pollution Degree 3:

There is conductive pollution or dry non-conductive pollution, which becomes conductive due to condensation.

Pollution Degree 4:

There is a continuous conductivity due to conductive dust, rain or moisture.

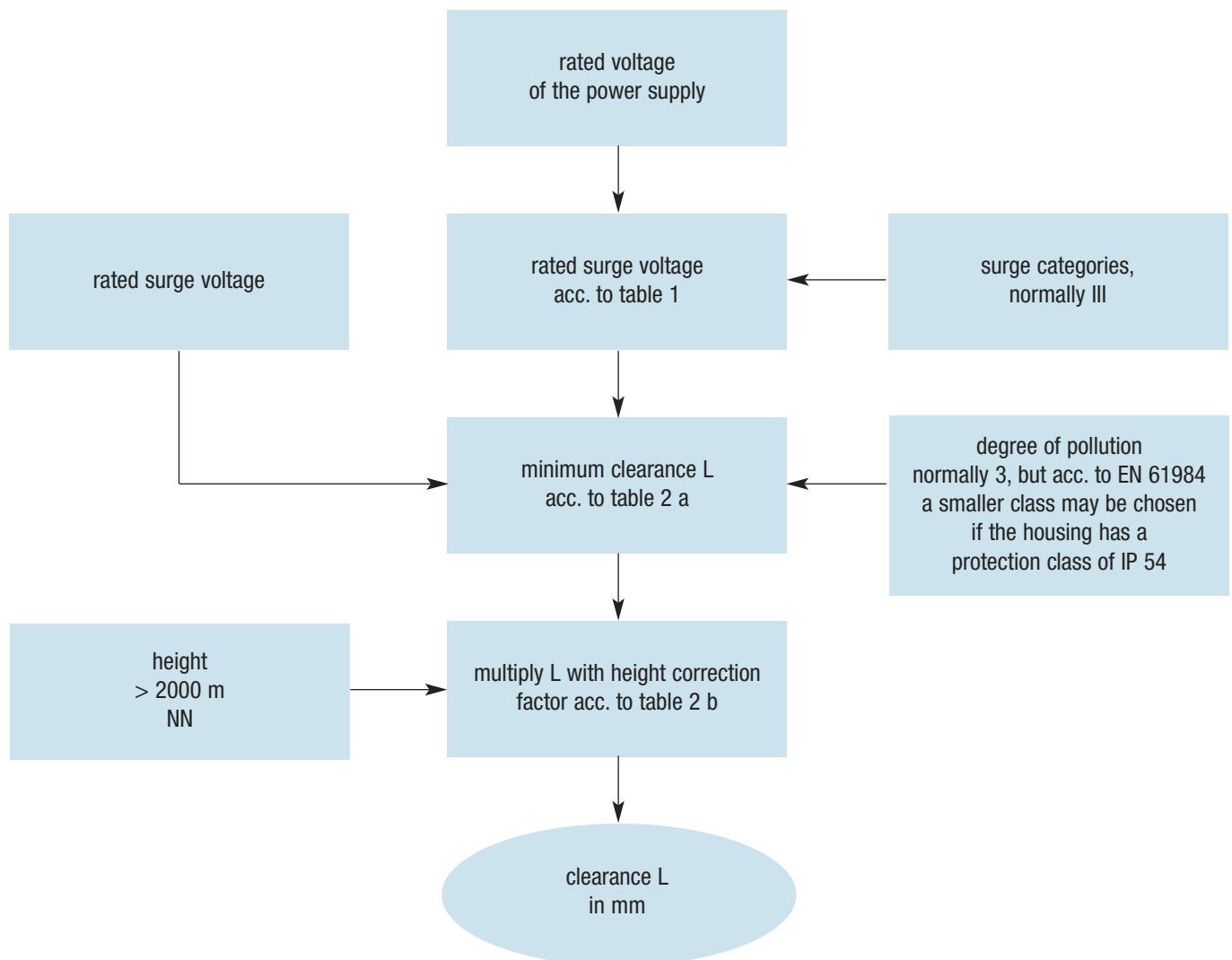
Insulation Material

The insulation materials are divided into the following four groups depending on their comparative tracking index (CTI) :

Insulation material I:	$600 \leq \text{CTI}$
Insulation material II:	$400 \leq \text{CTI} < 600$
Insulation material III a:	$175 \leq \text{CTI} < 400$

Measurement of Clearances

Diagram for the Determination of Clearances



Rated Surge Voltage for Utilities					
rated voltage of the power supply *) in V		Rated Surge Voltage in kV (1,2/50ms) for			
3-phase systems	single systems in the centre	utilities at the feed of the installation (surge category IV)	utilities as part of a fixed installation (surge category III)	utilities for connection to fixed installations (surge category II)	Specially protected utilities (surge category I)
	120 up to 240	4	2,5	1,5	0,8
230/400** 277/480**		6	4	2,5	1,5
400/690**		8	6	4	2,5
1000		12	8	6	4

*) chosen voltage values

**) the / dash is for a 3-phase system with 4 lines. The lower value is for phase to neutral, the higher value is for phase to phase

minimum clearance in air at installation heights of up to 2000 m above sea level (NN)								
"rated surge voltage [kV]"	case A inhomogenous field) degree of pollution				case B homogenous field) degree of pollution			
	1 (mm)	2 (mm)	3 (mm)	4 (mm)	1 (mm)	2 (mm)	3 (mm)	4 (mm)
0,33 _)	0,01	_)	0,80	1,6	0,01	_)	0,8	1,6
0,40	0,02				0,02			
0,5 _)	0,04				0,04			
0,60	0,06				0,06			
0,80 _)	0,10				0,10			
1,0	0,15	0,25	1,0	2	0,15	0,2	1,2	2
1,2	0,25				0,2			
1,5 _)	0,5	0,5	1,5	3	0,3	0,3	1,2	2
2,0	1,0	1,0			0,45	0,5		
2,5 _)	1,5	1,5	2	4	0,6	0,6	1,5	2
3,0	2	2			0,8	0,8		
4,0 _)	3	3	3	3	1,2	1,2	1,2	3
5,0	4	4	4	4	1,5	1,5	1,5	4
6,0 _)	5,5	5,5	5,5	5,5	2	2	2	5,5
8,0 _)	8	8	8	8	3	3	3	8
10	11	11	11	11	3,5	3,5	3,5	11
12 _)	14	14	14	14	4,5	4,5	4,5	14
15	18	18	18	18	5,5	5,5	5,5	18
20	25	25	25	25	8	8	8	25
25	33	33	33	33	10	10	10	33
30	40	40	40	40	12,5	12,5	12,5	40
40	60	60	60	60	17	17	17	60
50	75	75	75	75	22	22	22	75
60	90	90	90	90	27	27	27	90
80	130	130	130	130	35	35	35	130
100	170	170	170	170	45	45	45	170

1) This voltage is

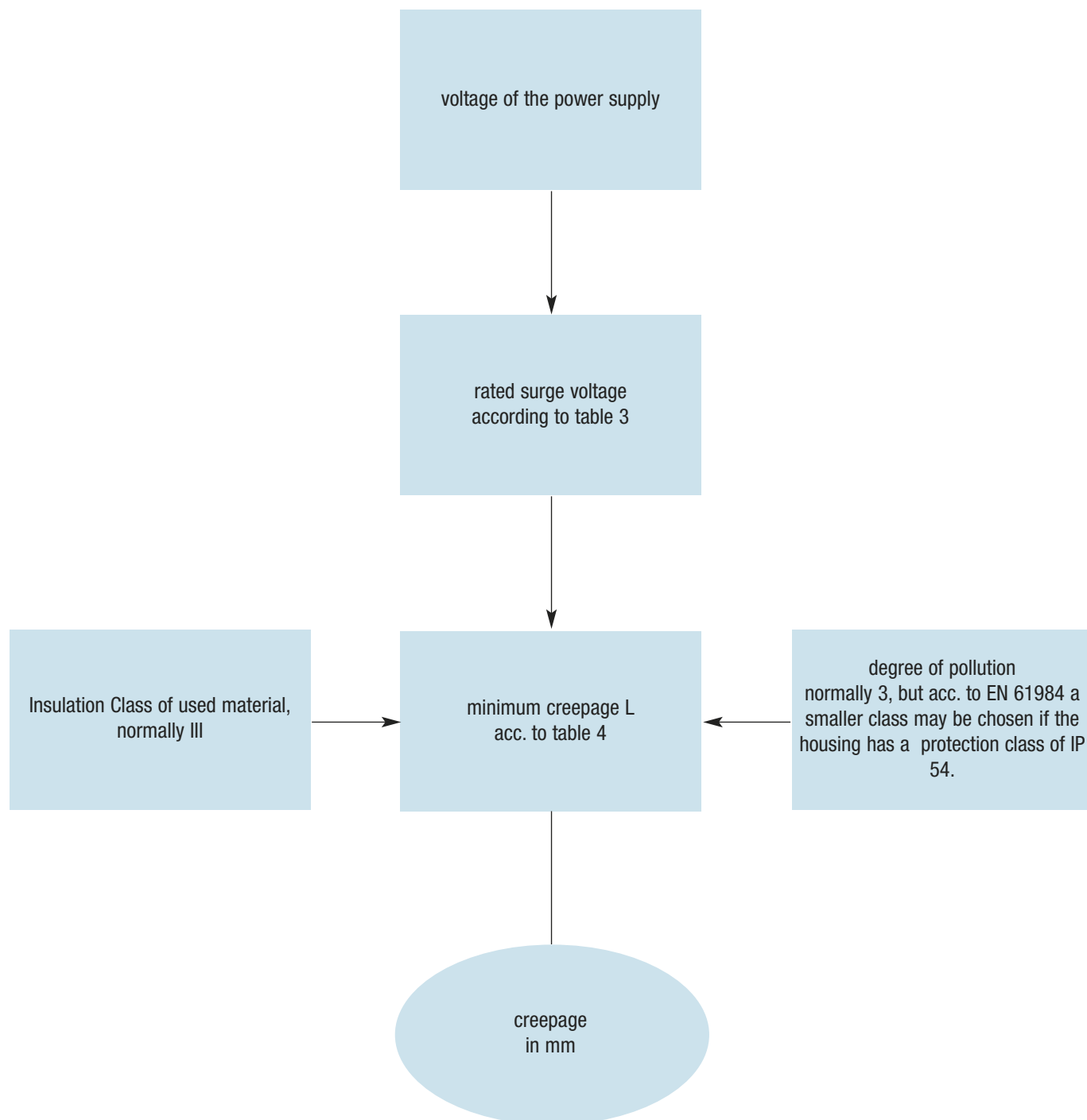
- for functional insulation:
the maximum impulse voltage expected to occur across the clearance
- for basic insulation directly exposed by transient overvoltages
- for other basic insulation

_) Preferred values

Factors for Height Correction		
height in m	normal air pressure in kPa	multiplication factor for distances
2000	80,0	1,00
3000	70,0	1,14
4000	62,0	1,29
5000	54,0	1,48
6000	47,0	1,70
7000	41,0	1,95
8000	35,5	2,25
9000	30,5	2,62
10000	26,5	3,02
15000	12,0	6,67
20000	5,5	14,50

Measurement of creepage

Diagram for the Determination of creepage



voltage of the power supply [V]	Rated voltage [V]
60	63
110/120/127	125
150	160
208	200
220/230/240	250
300	320
380/400/415	400
440	500
480/500	500
575	630
600	630
660/690	630
720/830	800
960	1000
1000	1000

Table 3

* the above shown table does not give the entire correlation of world-wide used networks and rated voltages; it is reduced to the most common ones; further details, see DIN EN60664-1

Creepages in [mm] for electrical Equipments										
rated voltage [V]	degree of pollution									
	1 All Insulator classes	2 Insulation Class			3 Insulation Class			4 Insulation Class		
		I	II	III	I	II	III	I	II	III
10	0,08	0,40	0,40	0,40	1,00	1,00	1,00	1,6	1,6	1,6
12,5	0,09	0,42	0,42	0,42	1,05	1,05	1,05	1,6	1,6	1,6
16	0,10	0,45	0,45	0,45	1,10	1,10	1,10	1,6	1,6	1,6
20	0,110	0,48	0,48	0,48	1,20	1,20	1,20	1,6	1,6	1,6
25	0,125	0,50	0,50	0,50	1,25	1,25	1,25	1,7	1,7	1,7
32	0,140	0,53	0,53	0,53	1,30	1,30	1,30	1,8	1,8	1,8
40	0,16	0,56	0,80	1,10	1,4	1,6	1,8	1,9	2,4	3,0
50	0,18	0,60	0,85	1,20	1,5	1,7	1,9	2,0	2,5	3,2
63	0,20	0,63	0,90	1,25	1,6	1,8	2,0	2,1	2,6	3,4
80	0,22	0,67	0,95	1,3	1,7	1,9	2,1	2,2	2,8	3,6
100	0,25	0,71	1,00	1,4	1,8	2,0	2,2	2,4	3,0	3,8
125	0,28	0,75	1,05	1,5	1,9	2,1	2,4	2,5	3,2	4,0
160	0,32	0,80	1,1	1,6	2,0	2,2	2,5	3,2	4,0	5,0
200	0,42	1,00	1,4	2,0	2,5	2,8	3,2	4,0	5,0	6,3
250	0,56	1,25	1,8	2,5	3,2	3,6	4,0	5,0	6,3	8,0
320	0,75	1,60	2,2	3,2	4,0	4,5	5,0	6,3	8,0	10,0
400	1,00	2,00	2,8	4,0	5,0	5,6	6,3	8,0	10,0	12,5
500	1,30	2,50	3,6	5,0	6,3	7,1	8,0	10,0	12,5	16,0
630	1,8	3,2	4,5	6,3	8,0	9	10,0	12,5	16	20
800	2,4	4,0	5,6	8,0	10,0	11	12,5	16,0	20	25
1000	3,2	5,0	7,1	10,0	12,5	14	16,0	20,0	25	32

Table 4

Technische Kennwerte Serie HF/Technical specifications Series: HF

Crimphülse

- Optimale Materialanpassung entsprechend der Kundenapplikation
- Anpassung auf spezielle Leiterquerschnitte und Verarbeitungswerkzeuge
- Verwendung der gleichen Crimphülse für Stift-, Buchsen- und Erdkontakt
- Robuste widerstandsfähige Crimphülse für vielfältige Industrieanwendungen

② Kontaktträger

③ Adapter

④ Crimphülse

Stift-/ Buchsenkontakt

- Verschleißarmes Basismaterial
- Austausch der Einzelteile durch modularen Aufbau
- Oberflächenveredlung gemäß Kundenanwendungsanforderung
- Reduzierung der Steck-/Ziehkräfte um 30%
- Erhöhung der Steckzyklen um 50%
- Variable Anschlußtechnik



Crimp ferrule

- Optimum material adaptation according to customer's application
- Adaptation to special customer wire size and crimping tools
- Same crimp ferrule for male, female and grounding contact
- Robust crimp ferrule for tough industrial applications

Male contact

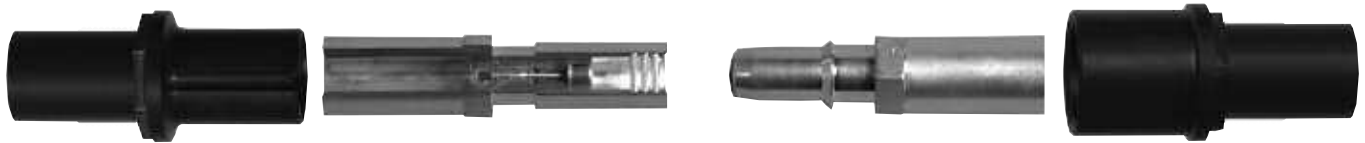
② Insulating material plastic

③ Adapter

④ Crimp ferrule

Male/female contact

- Wear-resistant basic material
- Worn parts can be individually exchanged
- Surface coating according to customer application
- 30% reduced mating and pulling forces
- 50% increase of making cycles
- Variable wire termination



Bemessungsstrom	350 A
Bemessungsspannung	1000 V~, Isolationsgruppe C
Prüfspannung	3 (C)
Prüfspannung U_{eff}	3 kV
Durchgangswiderstand	≤ 1 mΩ
Isolationswiderstand	≥ 10 ¹⁰ Ω
Temperaturbereich	- 40°C + 125°C Die obere Grenztemperatur schließt die Kontakterwärmung und Erwärmung durch Umgebungstemperatur ein
Kabel Anschluß	Crimpanschluß 50 - 150 mm ²
Werkstoffe	
Kontakteinsätze	thermoplastischer Formstoff glasfaserverstärkt (UL-gelistet) V-0
Kontaktelemente	Kupferlegierung
Kontaktoberfläche	hartversilbert

Rated current	350 A
Rated voltage	1000V~, insulation group C
Test voltage	3 (C)
Test voltage U_{rms}	3 kV
Volume resistance	≤ 1 mΩ
Insulation resistance	≥ 10 ¹⁰ Ω
Temperature range	- 40°C + 125°C The maximal limit temperature includes contact heat-up and heat-up caused by ambient temperature.
Wire termination	Crimp terminal 50 - 150 mm ²
Materials	
Contact inserts	thermoplastic material glass-fibre reinforced (UL listed) V-0
Contact elements	copper alloy
Contact surfaces	hard-silver-plated

Kontaktzahlen/ No. of contacts	8	14	23	35	48
Baugröße/ Size	3	4	6	8	8

Technische Kennwerte Serie MDL/Technical specifications series MDL

- Modular aufgebaute Kontakteinsätze - Baugröße 3-4-6-8-10-12
- Optimale Flexibilität, leichtes Handling, schnelle Montage
- Rationelle Mischbestückung zur Lösung anwenderspezifischer Kundenanforderungen
- Halterahmen zur Aufnahme der variabel einsetzbaren Module, baugleich für Ober- und Unterteil
- Reduzierung der Lagerbestandskosten
- Polarisierter Einsatz der Module in einem Halterahmen
- Leistungs- und Signalübertragung über einen Steckverbinder
- Voreilende Schutzkontakte
- Elektromagnetisch verträgliche Module für Bussystem-Schnittstellen



- Modular contact inserts – sizes 3-4-6-8-10-12
- Optimum flexibility, easy handling, quick assembly
- Rational mixing of connectors, i. e. application specific customer requirements can be solved
- Fixing frame to hold the interchangeable modules, same design for upper and lower part
- Storage costs are reduced
- Polarized use of the modules in a fixing frame
- Power- and signal transmission with one connector
- Leading grounding contact
- Modules, tolerant to electro-magnetic waves, for bus system interfaces

Vorschriften DIN VDE 0110 für Luft- und Kriechstrecken
DIN VDE 0627 für Steckverbinder und Steckvorrichtungen

Zulassungen UL, CSA

Modulbaustein

Verschmutzungsgrad 3

Werkstoff thermoplastischer Formstoff

Temperaturbereich - 40°C + 125°C

Brennbarkeit nach UL 94 V-0

Regulations DIN VDE 0110 for clearance and tracking distance
DIN VDE 0627 for connectors, plugs and sockets

Approvals UL, CSA

Module element

Degree of contamination 3

Material thermoplastics

Temperature range - 40°C + 125°C

Flammable acc. to UL 94 V-0

Modulbausteine <i>Module elements</i>	Modulbezeichnung <i>Moduldesignation</i>	Elektrische Kennwerte/Pneumatic <i>Electrical ratings/Pneumatic</i>	Kontaktzahlen <i>No. of contacts</i>
Last/Signal/Power <i>Signal</i>	MDL-HF 1+2	1 x (150A/1000V), 2 x (10A/250V)	3
Last/Signal/Power <i>Signal</i>	MDL-HSS 2+2	2 x (63A/1000V), 2 x (10A/250V)	4
Last/Signal/Power <i>Signal</i>	MDL-HSM 3 + 4	3 x (40A/1000V), 4 x (10A/250V)	7
Pneumatik/ <i>Pneumatic</i>	MDL-AIR	10 bar, NW = 4,0	2
Signal/ <i>Signal</i>	MDL-HN.D	15 x (10A/400V)	15, 18
Signal/ <i>Signal</i>	MDL-HD	18 x (10A/250V)	15, 18
LWL/ <i>Optical transmission</i>	MDL-LWL		18
Signal/ <i>Signal</i>	MDL-HVT	8 x (16A/400V)	8
Signal/ <i>Signal</i>	MDL-Twinax	4 x (16A/150V)	4
Signal/ <i>Signal</i>	MDL-KX	6x RG 58/RG 59	6
Signal/ <i>Signal</i>	MDL-KX.VT		1
Signal/ <i>Signal</i>	MDL-Dynamic	30 x (5A/600V)	30
Signal/ <i>Signal</i>	MDL-RJ45	CAT 5e	1

Anschlussarten/Termination types

• Schraubanschluss Screw connection



• Spring Clamp-Anschluss Spring Clamp connection



• Crimpanschluss Crimp connection



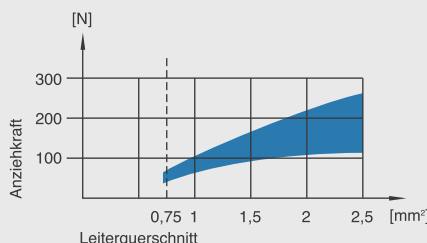
Schraubanschluss/Screw terminal

Schraubanschluss

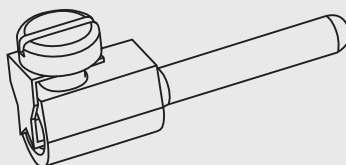
Der Schraubanschluss ist die bekannteste Anschlussart. Ihre Bemessung erfolgt nach VDE 0609. Anzugs- und Prüfdrehmomente entnehmen Sie bitte nebenstehender Tabelle.

Leiterquerschnitt (mm ²)	1	1,5	2,5	4	6	10
Schraubengewinde	M 2,6	M 3	M 3	M 3,5	M 4	M 4
Prüfdrehmoment Ncm	40	50	50	80	120	120

Das Diagramm zeigt den Streubereich der Ausziehungskräfte der Leiter aus der Schraubverbindung eines Kontaktelementes mit Klemmschutz. Klemmschraube: M 3
Prüfdrehmoment: 50 Ncm



mit Drahtschutz/with wire protection



Die einschlägigen Bestimmungen sagen aus:

- Serien HE, HSB-Klemmen
mit Drahtschutz:
Ausser dem Abisolieren ist kein besonderes Herrichten der Leiterenden erforderlich.

Screw terminal

The screw terminal is the most common type of connection. Ratings are based on VDE 0609. Please refer to the table at the left for torques.

Wire cross section (mm²)

Thread

Test torque Ncm

The diagram shows the force range for pulling the conductor out of the screwed connection of a contact element with wire protection.

Clamp screw: M 3
Test torque: 50 Ncm

The relevant regulations stipulate:

- Terminals of series HE, HSB
with wire protection:
No special preparation of wire ends required except for stripping.

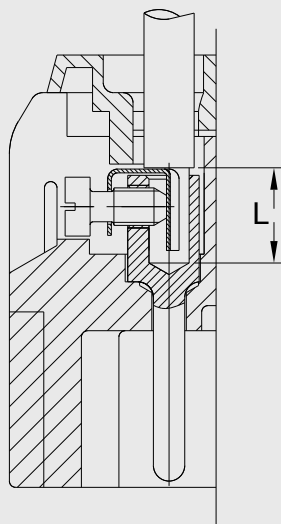
Kontakt-Einsätze
Contact inserts

max. Leiterquerschnitt
max. wire cross section
mm²

Abisolierlänge
Stripping length

AWG I (mm)

HA.3/HA.4	2,5	14	4,5
HE.6-48/HA.10-64	2,5	14	7,0
HSB.6/35	6,0	10	11,5



HA Spring Clamp-Anschluss/HA Spring Clamp connection

Technische Kennwerte

Vorschriften:

DIN VDE 0110
DIN VDE 0627

Zulassungen:

UL/CSA/SEV/VDE

Käfigzugfederanschluß:

bis 2,5mm² (AWG 14)
mit Aderendhülse bis 1,5mm² (AWG 16)

Werkstoffe

Kontaktelemente:

Kupferlegierung

Kontaktoberfläche:

hartversilbert

Technical ratings

Specification:

DIN VDE 0110
DIN VDE 0627

Approval:

UL/CSA/SEV/VDE

Cage clamp terminal:

up to 2,5mm² (AWG 14)
with wire pin up to 1,5mm² (AWG 16)

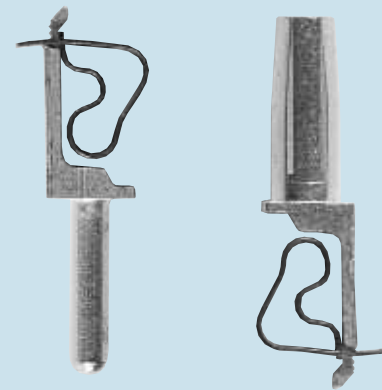
Materials

Contact elements:

copper alloy

Contact surface:

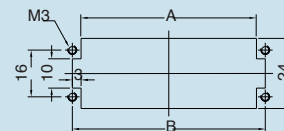
hard-silver-plated



Kontaktanordnung
Ansicht Anschlußseite
Contact arrangements
view from terminal side

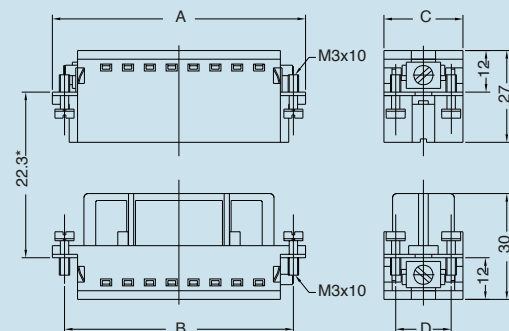


Montageausschnitt für Kontakteinsätze bei Verwendung ohne Gehäus
Panel cut-out



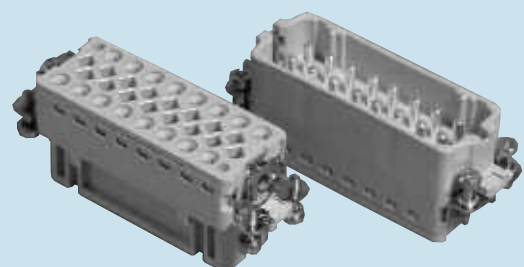
Baugröße/Size Maße/Dimensions

	A	B
2	43,5	49,5
5	60	66



*Abstand für sichere Kontaktgabe 24 mm

Baugröße/Size	Maße/Dimensions			
	A	B	C	D
2	56,5	49,5	22,8	16
5	73	66	22,8	16



HE Spring Clamp-Anschluss/HE Spring Clamp connection

Technische Kennwerte

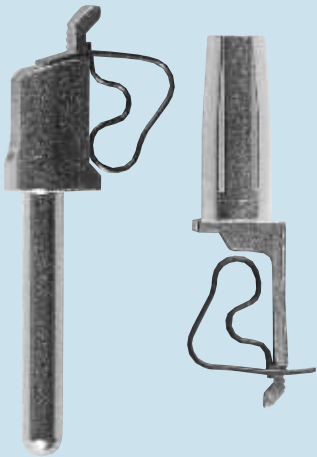
Vorschriften:	DIN VDE 0110 DIN VDE 0627
Zulassungen:	UL/CSA/SEV/VDE
Käfigzugfederanschluß:	bis 2,5mm² (AWG 14)
Kontakteinsätze:	Thermoplastischer Formstoff PBT
Kontaktelemente:	Kupferlegierung
Kontaktoberfläche:	hartversilbert

Technical ratings

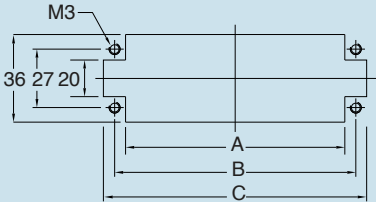
Specification:	DIN VDE 0110 DIN VDE 0627
Approval:	UL/CSA/SEV/VDE
Cage clamp terminal:	up to 2,5mm² (AWG 14) with wire pin up to 1,5mm² (AWG 16)

Materials

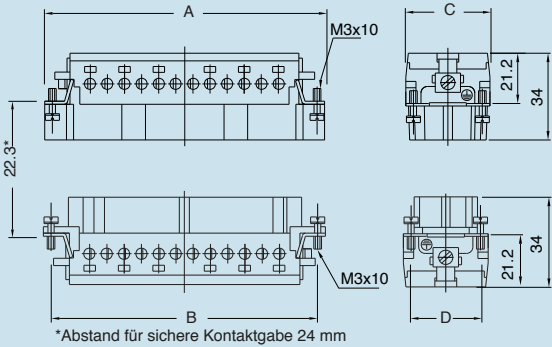
Contact elements:	copper alloy
Contact surface:	hard-silver-plated



Montageausschnitt für Kontakteinsätze bei Verwendung ohne Gehäuse
Panel cut-out

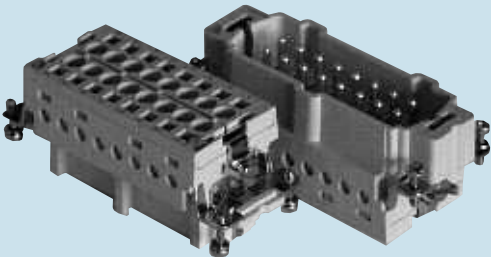


Baugröße Size	Abmessungen/Dimensions (mm)		
	A	B	C
3	37	44	52
4	50	57	65
6	70,5	77,5	85,5
8	97	104	112



*Abstand für sichere Kontaktgabe 24 mm

Baugröße/Size	Maße/Dimensions			
	A	B	C	D
3	52	44	33	27
4	63	57	33	27
6	83,5	77,5	33	27
8	110	104	33	27



Crimpkontakte/Crimp contacts

Die moderne Crimp-Anschlußtechnik weist gegenüber Schraub- oder Lötanschlüssen wesentliche technische und wirtschaftliche Vorteile auf.

Zum Crimpen werden ein- oder mehrdrähtige Leiter eingesetzt. Der Crimpvorgang kann durch Crimp-Handzangen oder für die Serienfertigung mit halb- oder vollautomatischen Crimpmaschinen erfolgen. Mit Vollautomaten geschieht das Abisolieren der Leiter und das Crimpen der Kontakte maschinell in einem Arbeitsgang. Mit Hilfe dieser Crimpwerkzeuge wird der Anschlußbereich des Crimpkontaktes verformt und somit eine feste, gasdichte Verbindung mit dem Leiter hergestellt.

HTS bietet wirtschaftliche und technische Vorteile mit zwei weltweit verbreiteten Crimpsystemen:

- Präzisions-gedrehte HE, HN.D, HVT, HSM, HSL und HSS-Massiv-Crimpkontakte.
- Präzisions-gestanzte HD.M-Crimpkontakte.

1. Die gleichbleibende Crimpqualität garantiert einen konstanten Durchgangswiderstand.
2. Korrosionsfestigkeit durch annähernde Kaltverschweißung.
3. Vorkonfektionierung von Kabelbäumen mit Crimpkontakten.
4. Wesentlich höhere Verdrahtungsgeschwindigkeit.
5. Das Lösen bereits gesteckter Kontakte ist mit speziellem Lösewerkzeug möglich.

Auswahlhilfe Silber/Goldkontakte:

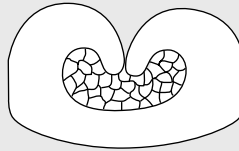
Die Auswahl o.g. Materialien sollte vor folgendem Hintergrund stattfinden:

Verschleiß ist auf Grund der Härte der Goldoberfläche bei vergoldeten Kontakten geringer, was auch höhere Steckzyklen erlaubt. Auch ist die Steckkraft bei vergoldeten Kontakten geringer. Das **Widerstandsverhalten** bei Gold ist konstanter aufgrund der geringeren Reaktionsfreudigkeit: Silber reagiert mit Schwefel und bildet eine dünne Oxidschicht aus. Diese Schicht wird beim Stecken problemlos durchbrochen bzw. von größeren Strömen „verbrannt“.

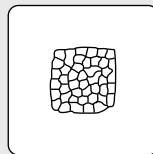
Unserer Erfahrung nach ist ein Einsatz von Goldkontakten nur bei Signal-Stößen und -Spannungen aufgrund des sehr konstanten (zeitlich) Widerstandsverhalten notwendig. Bei Anwendungen >5mA und >5V ist der Einsatz von Silberkontakten aus wirtschaftlichen Gesichtspunkten sinnvoller.

In nebenstehender Grafik ist diese Strom/Spannungs Auswahl zusammengefaßt. Spez. Widerstand: Gold: 0,022 Vmm_/m
Silber: 0,015 Vmm_/m

Schliffbilder einer Crimpstelle
Cross sections of crimp contacts



F-Crimpfung für HD.M-Kontakte
F crimp for HD.M contacts



Viereck Crimpung
Square section crimping

State-of-the-Art crimping technology is superior to screw or solder terminals compared to technical and economic perspectives.

Solid or multi strand conductors can be used for crimping. Crimping is done with manual crimping tools or semi-automatic crimping machines. Fully automatic machines perform all processes from stripping the conductor to crimping the contacts in a single step. The crimping tools connect the contact and the conductor by applying pressure to the connection area of the contact, thus creating a reliable, gas-tight termination.

HTS offers technical and economic advantages with two world-wide proven and acknowledged crimping systems:

- precision-screw machined solid crimp contacts HE, HN.D, HVT, HSM, HSL and HSS.
- precision-stamped HD.M crimp contacts

1. The constant crimp quality ensures a constant resistance.
2. Connection is almost cold-welded, giving corrosion resistance to the termination.
3. Preparation of cable harness with crimp contacts.
4. Faster termination times.
5. Crimped contacts can be removed with a special tool.

How to choose between silver- or gold-plated contacts:

The choice of either silver- or gold-plated contacts should be made considering the following:

The surface of gold-plated contacts is harder, which means less wear and tear and enables higher mating cycles. The mating force of gold-plated contacts is lower as well.

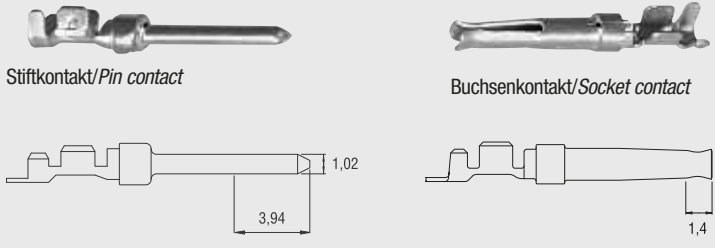
Gold's resistance performance is more constant due to its low reactivity. Silver reacts with sulphur and forms a thin oxidation layer. When mating this layer can be broken through or 'burnt off' by higher currents.

Our experience has shown that the use of gold-plated contacts is only necessary with signal currents and voltages when very constant resistance performance is required. From an economic point of view it makes more sense to use silver-plated contacts for applications of >5mA and >5V. The graphic shown left is the current/voltage choice.

Resistance: Gold: 0,022 Vmm_/m
Silver: 0,015 Vmm_/m



Crimpkontakte S20DF Serie/Crimp contacts S20DF series**5A**

Bezeichnung Description	Bestelltext Designation	Bestell-Nr. Order No.	Maße mm ² Dimensions mm ²
 Stiftkontakt/Pin contact Buchsenkontakt/Socket contact Werkstoff: Kupferlegierung Oberfläche: - vergoldet Durchgangswiderstand: $\leq 15 \text{ m}\Omega$ Crimpanschluss: - mm² 0,08 - 0,6 mm² - AWG 28 - 20 Material: Copper alloy Finish: - gold plated Contact resistance: $\leq 15 \text{ m}\Omega$ Crimp terminal : - mm² 0,08 - 0,6 mm² - AWG 28 - 20	Stiftkontakt vergoldet Pin contact gold plated Bandkontakt/Stift vergoldet Reel contact/pin gold plated Buchsenkontakt vergoldet Socket contact gold plated Bandkontakt/Buchse vergoldet Reel contact/socket gold plated	1-66507-0 1-66506-0 66507-4 66506-4 1-66505-0 1-66504-0 66505-4 66504-4	0,08 – 0,2 0,2 – 0,6 0,08 – 0,2 0,2 – 0,6 0,08 – 0,2 0,2 – 0,6 0,08 – 0,2 0,2 – 0,6

Werkzeuge für Crimptechnik S20DF Serie/Crimping tools S20DF series

Bezeichnung Description	Bestelltext Designation	Bestell-Nr. Order No.	Querschnitt mm ² Cross section mm ²
 Crimpzange Crimping tool	Certi-Crimp Reel-Fed Certi Lok*	169424-1	
Ausdrückwerkzeug /Extraction tool	S20DF	91285-1	alle Querschnitte all cross sections
Eindrückwerkzeug/Insertion tool	S20DF	726363-1	
*für Bandkontakte/lor reel contacts			

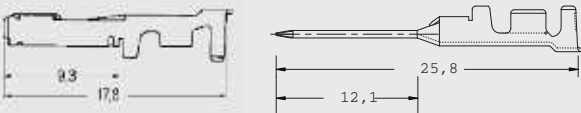
Crimpkontakte Dynamic 2800 Serie/Crimp contacts Dynamic 2800 series

5A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr. Order No.	Maße mm² Dimensions mm²	Werkzeug Tool
 Buchsenkontakt/Receptable contact Stiftkontakt/Top contact  Werkstoff: Kupferlegierung Material: Copper alloy Oberfläche: Finish: - vergoldet - gold plated Durchgangswiderstand: $\leq 3 \text{ m}\Omega$ Contact resistance: $\leq 3 \text{ m}\Omega$ Crimpanschluss: Crimp terminal : - mm² 0,08 - 0,85 mm² - mm² 0,08 - 0,85 mm² - AWG 28 - 18 - AWG 28 - 18	Stiftkontakt vergoldet Top contact gold plated	1318112-1 1318111-1	0,08 – 0,2 (S) 0,3 – 0,85 (M)	91576-1 91595-1
	Bandkontakt/Stift vergoldet Strip form Top contact gold plated	1318110-1 1318109-1	0,08 – 0,2 (S) 0,3 – 0,85 (M)	(Applicator) 1385232-2 1385231-2
	Buchsenkontakt vergoldet Receptable contact gold plated	1318108-1 1318107-1	0,08 – 0,2 (S) 0,3 – 0,85 (M)	91596-1 91595-1
	Bandkontakt/Buchse vergoldet Strip form Receptable contact gold plated	1318106-1 1318105-1	0,08 – 0,2 (S) 0,3 – 0,85 (M)	(Applicator) 1385232-2 1385231-2

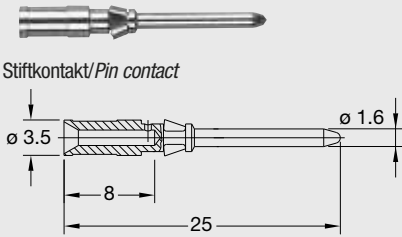
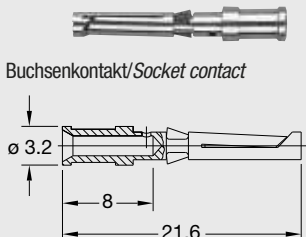
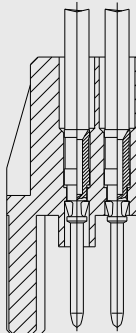
Crimpkontakte Dynamic 3800 Serie/Crimp contacts Dynamic 3800 series

8A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr. Order No.	Maße mm² Dimensions mm²	Werkzeug Tool
 Buchsenkontakt/Receptable contact Stiftkontakt/Top contact  Werkstoff: Kupferlegierung Material: Copper alloy Oberfläche: Finish: - vergoldet - gold plated Durchgangswiderstand: $\leq 3 \text{ m}\Omega$ Contact resistance: $\leq 3 \text{ m}\Omega$ Crimpanschluss: Crimp terminal : - mm² 0,06 - 2,2 mm² - mm² 0,06 - 2,2 mm² - AWG 28 - 14 - AWG 28 - 14	Stiftkontakt vergoldet Top contact gold plated	175287-2 175288-2 175289-2 987512-2	0,06 – 0,2 (S) 0,2 – 0,5 (M) 0,5 – 1,25 (L) 1,25 – 2,2 (2L)	91565-1 91559-1 91558-1 91560-1
	Bandkontakt/Stift vergoldet Strip form Top contact gold plated	175284-2 175285-2 175286-2 917485-2	0,06 – 0,2 (S) 0,2 – 0,5 (M) 0,5 – 1,25 (L) 1,25 – 2,2 (2L)	(Applicator) 1276659-1 937472-1 1385001-2 1276662-1
	Buchsenkontakt vergoldet Seceptable contact gold plated	175216-2 175217-2 175218-2 917511-2	0,06 – 0,2 (S) 0,2 – 0,5 (M) 0,5 – 1,25 (L) 1,25 – 2,2 (2L)	91565-1 91559-1 91558-1 91560-1
	Bandkontakt/Buchse vergoldet Strip form Receptable contact gold plated	175194-2 175195-2 175196-2 917484-2	0,06 – 0,2 (S) 0,2 – 0,5 (M) 0,5 – 1,25 (L) 1,25 – 2,2 (2L)	(Applicator) 1276659-1 937472-1 1385001-2 1276662-1

Crimpkontakte HN.D Serie/Crimp contacts HN.D series

10A

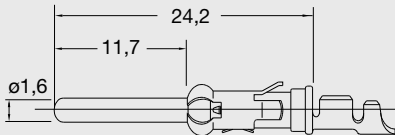
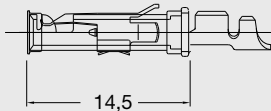
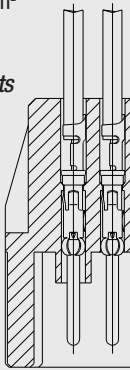
Bezeichnung Description		Bestelltext Designation	Bestell-Nr. Order No.	Maße mm² Dimensions mm²																		
  Stiftkontakt/ Pin contact Buchsenkontakt/Socket contact Werkstoff: Kupferlegierung Oberfläche: - hartversilbert - hartvergoldet Durchgangswiderstand: ≤ 3 mΩ Crimpschluss: - mm² 0,14 - 2,5 mm² - AWG 26 - 14 Material: Copper alloy Finish: - hard silver - hard gold Contact resistance: ≤ 3 mΩ Crimp terminal : - mm² 0,14 - 2,5 mm² - AWG 26 - 14		Stiftkontakt versilbert Pin contact silver plated  Stiftkontakt vergoldet Pin contact gold plated  Buchsenkontakt versilbert Socket contact silver plated  Buchsenkontaktvergoldet Socket contact gold plated 	1-1105050-1 2-1105050-1 3-1105050-1 4-1105050-1 5-1105050-1 1-1105050-2 2-1105050-2 3-1105050-2 4-1105050-2 5-1105050-2 1-1105051-1 2-1105051-1 3-1105051-1 4-1105051-1 5-1105051-1 1-1105051-2 2-1105051-2 3-1105051-2 4-1105051-2 5-1105051-2	0,14-0,37 0,5 0,75-1,0 1,5 2,5 0,14-0,37 0,5 0,75-1,0 1,5 2,5 0,14-0,37 0,5 0,75-1,0 1,5 2,5 0,14-0,37 0,5 0,75-1,0 1,5 2,5																		
HN.D – Gedrehte Crimpkontakte/ <i>Screw machined crimp contacts</i> Querschnittskennzeichnung/ <i>Designation of cross section</i> <table><tr><th>Kennzeichnung Designation</th><th>Leiterquerschnitt Wire cross section</th><th>Abisolierlänge der Litze Stripping length</th></tr><tr><td>1</td><td>0,14 - 0,37 mm²</td><td>8 mm</td></tr><tr><td>2</td><td>0,5 mm²</td><td>8 mm</td></tr><tr><td>3</td><td>0,75 - 1 mm²</td><td>8 mm</td></tr><tr><td>4</td><td>1,5 mm²</td><td>8 mm</td></tr><tr><td>5</td><td>2,5 mm²</td><td>6 mm</td></tr></table> 					Kennzeichnung Designation	Leiterquerschnitt Wire cross section	Abisolierlänge der Litze Stripping length	1	0,14 - 0,37 mm²	8 mm	2	0,5 mm²	8 mm	3	0,75 - 1 mm²	8 mm	4	1,5 mm²	8 mm	5	2,5 mm²	6 mm
Kennzeichnung Designation	Leiterquerschnitt Wire cross section	Abisolierlänge der Litze Stripping length																				
1	0,14 - 0,37 mm²	8 mm																				
2	0,5 mm²	8 mm																				
3	0,75 - 1 mm²	8 mm																				
4	1,5 mm²	8 mm																				
5	2,5 mm²	6 mm																				

Werkzeuge für Crimptechnik HN.D Serie/Crimping tools HN.D series

Bezeichnung Description	Bestelltext Designation	Bestell-Nr. Order No.	Querschnitt mm² Cross section mm²
Crimpzange ohne Locator und Matrice Crimping tool without locator and die 	RSZ.BAS	1-1105850-8	0,14-4mm²
Crimpzange mit Locator und Matrice Crimping tool with locator and die 	RSZ.HE-HN.D-HVT	1-1105851-8	
Locator und Matrice 0,14 – 4mm² Locator and die 0,14 – 4mm² 	RSZ.LC 0,14-4 mm²	1-1105852-8	
Crimpzange ohne Locator Crimping tool without locator 	Daniels Tool AF8	601967-1	alle Querschnitte all cross sections
Locator hierzu Locator for the tool 	Turnet	523168-5	
Ausdrückwerkzeug HN.D/Extraction tool HN.D 	AWZG-HN.D-RSZ	0-1102855-2	
Eindrückwerkzeug/Insertion tool 	EWZG-RSZ	0-1102855-6	

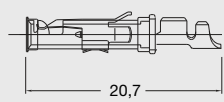
Crimpkontakte HD.M Serie/Crimp contacts HD.M series

10A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr. Order No.	Maße mm² Dimensions mm²																		
 Stiftkontakt/<i>Pin contact</i>   Buchsenkontakt/<i>Socket contact</i> 	Stiftkontakt verzinnt <i>Pin contact tin plated</i>	1-1105000-3 2-1105000-3 4-1105000-3	0,3 – 0,56 0,5 – 1,5 1,5 – 2,5																		
Werkstoff: Kupferlegierung Oberfläche: - verzinnt - hartvergoldet Durchgangswiderstand: ≤ 3 mΩ Crimpanschluss: - mm² 0,14 - 2,5 mm² - AWG 26 - 14 Material: Copper alloy Finish: - tin plated - hard gold Contact resistance: ≤ 3 mΩ Crimp terminal : - mm² 0,14 - 2,5 mm² - AWG 26 - 14	Bandkontakt/Stift verzinnt <i>Reel contact/pin tin plated</i>	0-0164161-9 0-0166824-2	0,5 – 1,5 1,5 – 2,5																		
	Stiftkontakt vergoldet <i>Pin contact gold plated</i>	1-1105000-2 3-1105000-2	0,3 – 0,56 0,8 – 1,5																		
	Bandkontakt/Stift vergoldet <i>Reel contact/pin gold plated</i>	0-0164160-4 0-0164161-4	0,3 – 0,56 0,8 – 1,5																		
	Buchsenkontakt verzinnt <i>Socket contact tin plated</i>	1-1105001-3 2-1105001-3 4-1105001-3	0,3 – 0,56 0,5 – 1,5 1,5 – 2,5																		
HD.M – Gestanzte Crimpkontakte/<i>Stamped machined crimp contacts</i> Querschnittskennzeichnung/<i>Designation of cross section</i> <table><tr><th>Kennzeichnung</th><th>Leiterquerschnitt</th><th>Abisolierlänge der Litze</th></tr><tr><th><i>Designation</i></th><th><i>Wire cross section</i></th><th><i>Stripping length</i></th></tr><tr><td>1</td><td>0,2 - 0,56 mm²</td><td>3,5 mm</td></tr><tr><td>2</td><td>0,5 - 1,5 mm²</td><td>3,5 mm</td></tr><tr><td>3</td><td>0,8 - 1,5 mm²</td><td>3,5 mm</td></tr><tr><td>4</td><td>1,5 - 2,5 mm²</td><td>3,5 mm</td></tr></table> 	Kennzeichnung	Leiterquerschnitt	Abisolierlänge der Litze	<i>Designation</i>	<i>Wire cross section</i>	<i>Stripping length</i>	1	0,2 - 0,56 mm²	3,5 mm	2	0,5 - 1,5 mm²	3,5 mm	3	0,8 - 1,5 mm²	3,5 mm	4	1,5 - 2,5 mm²	3,5 mm	Buchsenkontakt vergoldet <i>Socket contact gold plated</i>	1-1105001-2 3-1105001-2	0,3 – 0,56 0,8 – 1,5
	Kennzeichnung	Leiterquerschnitt	Abisolierlänge der Litze																		
<i>Designation</i>	<i>Wire cross section</i>	<i>Stripping length</i>																			
1	0,2 - 0,56 mm²	3,5 mm																			
2	0,5 - 1,5 mm²	3,5 mm																			
3	0,8 - 1,5 mm²	3,5 mm																			
4	1,5 - 2,5 mm²	3,5 mm																			
Bandkontakt/Buchse vergoldet <i>Reel contact/socket gold plated</i>	1-0163087-1 0-0163083-7	0,3 – 0,56 0,8 – 1,5																			
Verpackungseinheiten/<i>Packing unit</i> Kontakte am Band/<i>Contacts on reel</i>: A= 5.000 Stück/<i>Pieces</i>, B= 4.000 Stück/<i>Pieces</i>																					

Werkzeuge für Crimptechnik HD.M Serie/Crimping tools HD.M series

Bezeichnung Description	Bestelltext Designation	Bestell-Nr. Order No.	Querschnitt mm ² Cross section mm ²
Crimpzange ohne Locator und Matrize Crimping tool without locator and die 	RSZ.BAS	539635-1	
Locator und Matrize Locator and die 	ERGO-DIE XII	539742-2	0,2-2,5mm ² für Kontakte PN for contacts PN
Ausdrückwerkzeug HD.M/Extraction tool HD.M 	AWZG-HD.M-RSZ	0-1102855-1	alle Querschnitte all cross sections
Eindrückwerkzeug/Insertion tool 	EWZG-RSZ	0-1102855-6	unter 0,75mm ² below 0,75mm ²

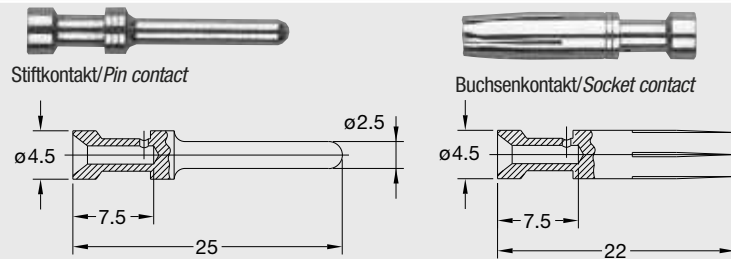
Crimpkontakte HGQ10 Serie/Crimp contacts HGQ10 series				20A
Bezeichnung Description	Bestelltext Designation	Bestell-Nr. Order No.	Maße mm ² Dimensions mm ²	Werkzeug Tool
 Buchsenkontakt/Socket contact  20,7 29,8 9,5 Werkstoff: Kupferlegierung Oberfläche: - verzinnt Durchgangswiderstand: $\leq 3 \text{ m}\Omega$ Crimpschluss: - mm² 0,2 - 4,0 mm² - AWG 24 - 12 Material: Copper alloy Finish: - tin plated Contact resistance: $\leq 3 \text{ m}\Omega$ Crimp terminal : - mm² 0,2 - 4,0 mm² - AWG 24 - 12 Andere Oberflächen und Werkstoffe auf Anfrage Other finishes and Materials on request Product Spec.: 108-18027 Appl. Spec.: 114-18018	Stiftkontakt verzinnt Pin contact tin plated	962966-1 962967-1 962968-1 962969-1	0,2 - 0,4 0,5 - 1,0 1,0 - 2,5 2,5 - 4,0	734285-1 734285-1 734285-2 734285-3
	Bandkontakt/Stift verzinnt Reel contact/pin tin plated	929962-1 929963-1 929964-1 929965-1	0,2 - 0,4 0,5 - 1,0 1,0 - 2,5 2,5 - 4,0	734285-1 734285-1 734285-2 734285-3
	Buchsenkontakt verzinnt Socket contact tin plated	962976-1 962977-1 962978-1 962979-1	0,2 - 0,4 0,5 - 1,0 1,0 - 2,5 2,5 - 4,0	734285-1 734285-1 734285-2 734285-3
	Bandkontakt/Buchse verzinnt Reel contact/socket tin plated	929969-1 929970-1 929971-1 929972-1	0,2 - 0,4 0,5 - 1,0 1,0 - 2,5 2,5 - 4,0	734285-1 734285-1 734285-2 734285-3

Werkzeuge für Crimptechnik HGQ10 Serie/Crimping tools HGQ10 series			
Bezeichnung Description	Bestelltext Designation	Bestell-Nr. Order No.	Querschnitt mm ² Cross section mm ²
Ausdrückwerkzeug/Extraction tool	Extraction tool	1-1579007-8	
Crimpzange mit Locator Crimping tool with locator	Handtool 734285-11,5 mm ² 734285-22,5 mm ² 734285-34,0 mm ²		
Halb-/Vollautomat auf Anfrage Bench and Automatic tooling on request	Safety Press SSC-2FP Ergo Die Adapter	1481004-7 1579000-7	



Crimpkontakte HE/HA Serie/Crimp contacts HE/HA series

16A

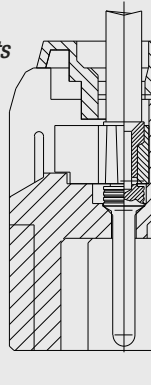
Bezeichnung
Description

Werkstoff: Kupferlegierung
 Oberfläche:
 - hartversilbert
 - hartvergoldet
 Durchgangswiderstand: $\leq 1 \text{ m}\Omega$
 Crimpanschluss:
 - mm^2 0,5 - 4,0 mm^2
 - AWG 20 - 12

Material: Copper alloy
 Finish:
 - hard silver
 - hard gold
 Contact resistance: $\leq 1 \text{ m}\Omega$
 Crimp terminal:
 - mm^2 0,5 - 4,0 mm^2
 - AWG 20 - 12

HE/HA – Gedrehte Crimpkontakte/Screw machined crimp contacts
 Querschnittskennzeichnung/Designation of cross section

Kennzeichnung Designation	Leiterquerschnitt Wire cross section	Abisolierlänge der Litze Stripping length
3 Rillen/3 grooves	0,14 - 0,34 mm^2	7,5 mm
keine Rille/no groove	0,5 mm^2	7,5 mm
1 Rille/1 groove	0,75 - 1 mm^2	7,5 mm
2 Rillen/2 grooves	1,5 mm^2	7,5 mm
3 Rillen/3 grooves	2,5 mm^2	7,5 mm
keine Rille/no groove	4,0 mm^2	7,5 mm

Bestelltext
Designation

Stiftkontakt versilbert
 Pin contact silver plated



Stiftkontakt vergoldet
 Pin contact gold plated



Buchsenkontakt versilbert
 Socket contact silver plated



Buchsenkontakt vergoldet
 Socket contact gold plated

Bestell-Nr.
Order No.Maße mm^2
Dimensions mm^2

6-1105100-1	0,14
1-1105100-1	0,5
2-1105100-1	0,75 - 1
3-1105100-1	1,5
4-1105100-1	2,5
5-1105100-1	4,0
6-1105100-2	0,14 - 0,34
1-1105100-2	0,5
2-1105100-2	0,75 - 1
3-1105100-2	1,5
4-1105100-2	2,5
5-1105100-2	4,0
6-1105101-1	0,14
1-1105101-1	0,5
2-1105101-1	0,75 - 1
3-1105101-1	1,5
4-1105101-1	2,5
5-1105101-1	4,0
6-1105101-2	0,14 - 0,34
1-1105101-2	0,5
2-1105101-2	0,75 - 1
3-1105101-2	1,5
4-1105101-2	2,5
5-1105101-2	4,0

Werkzeuge für Crimptechnik HE/HA Serie/Crimping tools HE/HA series

Bezeichnung
Description

Crimpzange ohne Locator und Matrize
 Crimping tool without locator and die



Crimpzange mit Locator und Matrize
 Crimping tool with locator and die



Locator und Matrize 0,14 - 4 mm^2
 Locator and die 0,14 - 4 mm^2



Crimpzange ohne Locator
 Crimping tool without locator



Locator hierzu
 Locator for the tool



Ausdrückwerkzeug HE/Extraction tool HE



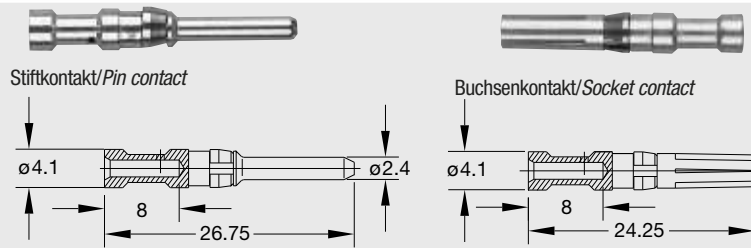
Eindrückwerkzeug/Insertion tool

Bestelltext
DesignationBestell-Nr.
Order No.Querschnitt mm^2
Cross section mm^2

RSZ.BAS	1-1105850-8	
RSZ.HE-HN.D-HVT	1-1105851-8	
RSZ.LC 0,14-4 mm^2	1-1105852-8	0,14-4 mm^2
Daniels Tool AFS	601967-1	
Turnet	523168-6	0,14-4 mm^2
AWZG-RSZ	0-1102855-7	alle Querschnitte all cross sections
EWZG-RSZ	0-1102855-6	

Crimpkontakte HVT Serie/Crimp contacts HVT series

16A

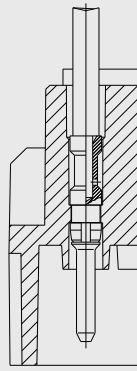
Bezeichnung
Description

Werkstoff: Kupferlegierung
 Oberfläche:
 - hartversilbert
 - hartvergoldet
 Durchgangswiderstand: $\leq 3 \text{ m}\Omega$
 Crimpanschluss:
 - mm^2 0,13 - 4,0 mm^2
 - AWG 20 - 12

Material: Copper alloy
 Finish:
 - hard silver
 - hard gold
 Contact resistance: $\leq 3 \text{ m}\Omega$
 Crimp terminal:
 - mm^2 0,13 - 4,0 mm^2
 - AWG 20 - 12

HVT – Gedrehte Crimpkontakte/Screw machined crimp contacts
 Querschnittskennzeichnung/Designation of cross section

Kennzeichnung Designation	Leiterquerschnitt Wire cross section	Abisolierlänge der Litze Stripping length
1	0,13 - 0,4 mm^2	8 mm
2	0,5 mm^2	8 mm
3	0,75 - 1 mm^2	8 mm
4	1,5 mm^2	8 mm
5	2,5 mm^2	8 mm
6	4,0 mm^2	8 mm

Bestelltext
DesignationBestell-Nr.
Order No.Maße mm^2
Dimensions mm^2

Stiftkontakt versilbert
 Pin contact silver plated



6-1105300-1	0,13 - 0,4
1-1105300-1	0,5
2-1105300-1	0,75 - 1,0
3-1105300-1	1,5
4-1105300-1	2,5
5-1105300-1	4,0

Stiftkontakt vergoldet
 Pin contact gold plated



6-1105300-2	0,13 - 0,4
1-1105300-2	0,5
2-1105300-2	0,75 - 1,0
3-1105300-2	1,5
4-1105300-2	2,5
5-1105300-2	4,0

Buchsenkontakt versilbert
 Socket contact silver plated



6-1105301-1	0,13 - 0,4
1-1105301-1	0,5
2-1105301-1	0,75 - 1,0
3-1105301-1	1,5
4-1105301-1	2,5
5-1105301-1	4,0

Buchsenkontakt vergoldet
 Socket contact gold plated



6-1105301-2	0,13 - 0,4
1-1105301-2	0,5
2-1105301-2	0,75 - 1,0
3-1105301-2	1,5
4-1105301-2	2,5
5-1105301-2	4,0

Werkzeuge für Crimptechnik HVT Serie/Crimping tools HVT series

Bezeichnung
DescriptionBestelltext
DesignationBestell-Nr.
Order No.Querschnitt mm^2
Cross section mm^2

Crimpzange ohne Locator und Matrize
 Crimping tool without locator and die



RSZ.BAS

1-1105850-8

Crimpzange mit Locator und Matrize
 Crimping tool with locator and die



RSZ.HE-HN.D-HVT

1-1105851-8

Locator und Matrize 0,14 - 4 mm^2
 Locator and die 0,14 - 4 mm^2

RSZ.LC 0,14-4 mm^2

1-1105852-8

0,14-4 mm^2

Crimpzange ohne Locator
 Crimping tool without locator



Daniels Tool AFS

601967-1

Locator hierzu
 Locator for the tool



Turnet

523168-5

0,14-4 mm^2

Ausdrückwerkzeug HE/Extraction tool HE

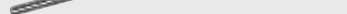


AWZG-RSZ

0-1102855-3

alle Querschnitte
all cross sections

Eindrückwerkzeug/Insertion tool

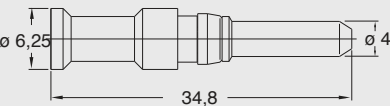
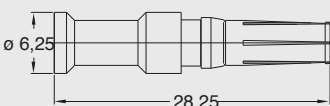
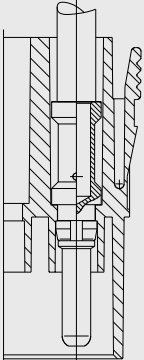


EWZG-RSZ

0-1102855-6

Crimpkontakte HSK Serie/Crimp contacts HSK series

40A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr. Order No.	Maße mm² Dimensions mm²																		
 Stiftkontakt/ <i>Pin contact</i>  Werkstoff: Kupferlegierung Oberfläche: - hartversilbert - hartvergoldet Durchgangswiderstand: ≤ 3 mΩ Crimpanschluss: - mm² 1,5 - 10,0 mm² - AWG 16 - 8	Stiftkontakt versilbert <i>Pin contact silver plated</i>  Stiftkontakt vergoldet <i>Pin contact gold plated</i> 	1-1108757-1 2-1108757-1 3-1108757-1 4-1108757-1 5-1108757-1 auf Anfrage/ <i>on request</i>	1,5 2,5 4 6 10																		
 Buchsenkontakt/ <i>Socket contact</i>  Material: Copper alloy Finish: - hard silver - hard gold Contact resistance: ≤ 3 mΩ Crimp terminal : - mm² 1,5 - 10,0 mm² - AWG 16 - 8	Buchsenkontakt versilbert <i>Socket contact silver plated</i>  Buchsenkontakt vergoldet <i>Socket contact gold plated</i> 	1-1108756-1 2-1108756-1 3-1108756-1 4-1108756-1 5-1108756-1 auf Anfrage/ <i>on request</i>	1,5 2,5 4 6 10																		
HSK – Gedrehte Crimpkontakte/Screw machined crimp contacts Querschnittskennzeichnung/ <i>Designation of cross section</i> <table><tr><th>Kennzeichnung <i>Designation</i></th><th>Leiterquerschnitt <i>Wire cross section</i></th><th>Abisolierlänge der Litze <i>Stripping length</i></th></tr><tr><td>4</td><td>1,5 mm²</td><td>11,5 mm</td></tr><tr><td>5</td><td>2,5 mm²</td><td>11,5 mm</td></tr><tr><td>6</td><td>4 mm²</td><td>11,5 mm</td></tr><tr><td>7</td><td>6 mm²</td><td>11,5 mm</td></tr><tr><td>8</td><td>10 mm²</td><td>11,5 mm</td></tr></table> 				Kennzeichnung <i>Designation</i>	Leiterquerschnitt <i>Wire cross section</i>	Abisolierlänge der Litze <i>Stripping length</i>	4	1,5 mm²	11,5 mm	5	2,5 mm²	11,5 mm	6	4 mm²	11,5 mm	7	6 mm²	11,5 mm	8	10 mm²	11,5 mm
Kennzeichnung <i>Designation</i>	Leiterquerschnitt <i>Wire cross section</i>	Abisolierlänge der Litze <i>Stripping length</i>																			
4	1,5 mm²	11,5 mm																			
5	2,5 mm²	11,5 mm																			
6	4 mm²	11,5 mm																			
7	6 mm²	11,5 mm																			
8	10 mm²	11,5 mm																			

Werkzeuge für Crimptechnik HSK Serie/Crimping tools HSK series

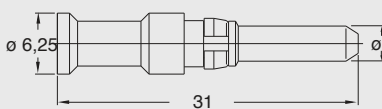
Bezeichnung Description	Bestelltext Designation	Bestell-Nr. Order No.	Querschnitt mm ² Cross section mm ²
Crimpzange ohne Locator und Matrize Crimping tool without locator and die 	RSZ.BAS	1-1105850-8	
Matrize die 	HSK.RSZ.LC 0,75-2,5 mm ² HSK.RSZ.LC 4-10 mm ²	0-1102789-1 0-1102790-1	
Crimpzange ohne Locator Crimping tool without locator 	Daniels Tool AFS	601967-1	
Locator hierzu Locator for the tool 	Turnet	523168-7	1,5-10mm ²
Ausdrückwerkzeug HSK Extraction tool HSK 	AWZG-HSK-RSZ	0-1102855-8	alle Querschnitte all cross sections
Eindrückwerkzeug/Insertion tool 	EWZG-RSZ	0-1102855-6	

Crimpkontakte HSM Serie/Crimp contacts HSM series

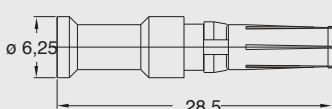
40A

Bezeichnung
Description

Stiftkontakt/Pin contact



Buchsenkontakt/Socket contact

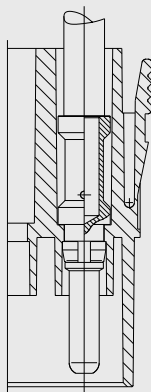


Werkstoff: Kupferlegierung
 Oberfläche:
 - hartversilbert
 - hartvergoldet
 Durchgangswiderstand: $\leq 3 \text{ m}\Omega$
 Crimpanschluss:
 - mm² 0,75 - 10,0 mm²
 - AWG 20 - 6

Material: Copper alloy
 Finish:
 - hard silver
 - hard gold
 Contact resistance: $\leq 3 \text{ m}\Omega$
 Crimp terminal:
 - mm² 0,75 - 10,0 mm²
 - AWG 20 - 6

HSM – Gedrehte Crimpkontakte/Screw machined crimp contacts
 Querschnittskennzeichnung/Designation of cross section

Kennzeichnung Designation	Leiterquerschnitt Wire cross section	Abisolierlänge der Litze Stripping length
3	0,75 mm ²	10 mm
4	1,5 mm ²	10 mm
5	2,5 mm ²	10 mm
6	4 mm ²	10 mm
7	6 mm ²	10 mm
8	10 mm ²	10 mm

Bestelltext
Designation

Stiftkontakt versilbert
 Pin contact silver plated

Bestell-Nr.
Order No.

1-1105250-1
 2-1105250-1
 3-1105250-1
 4-1105250-1
 5-1105250-1
 6-1105250-1

Maße mm²
Dimensions mm²

0,75-1
 1,5
 2,5
 4
 6
 10

Buchsenkontakt versilbert
 Socket contact silver plated



1-1105251-1
 2-1105251-1
 3-1105251-1
 4-1105251-1
 5-1105251-1
 6-1105251-1

0,75-1
 1,5
 2,5
 4
 6
 10

Werkzeuge für Crimptechnik HSM Serie/Crimping tools HSM series

Bezeichnung
Description

Crimpzange ohne Locator und Matrize
 Crimping tool without locator and die



Matrize für HSM-Kontakte
 die for HSM-contacts



Ausdrückwerkzeug HSM
 Extraction tool HSM



Eindrückwerkzeug/Insertion tool

Bestelltext
Designation

RSZ.BAS

Bestell-Nr.
Order No.

1-1105850-8

Querschnitt mm²
Cross section mm²

HSM.RSZ.LC 0,75-2,5 mm²
 HSM.RSZ.LC 4-10 mm²

1-1105870-8
 2-1105870-8

AWZG-HSM-RSZ

0-1102855-4

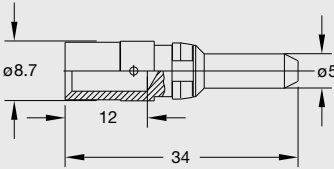
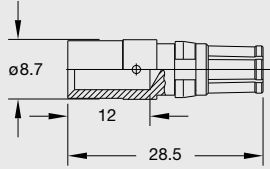
alle Querschnitte
 all cross sections

EWZG-RSZ

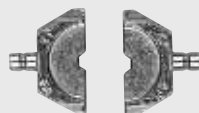
0-1102855-6

Crimpkontakte HSS Serie/Crimp contacts HSS series

63A

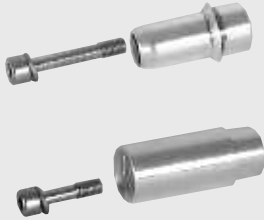
Bezeichnung Description	Bestelltext Designation	Bestell-Nr. Order No.	Maße mm ² Dimensions mm ²
 Stiftkontakt/Pin contact  Werkstoff: Kupferlegierung Oberfläche: - hartversilbert, 2,5 - 16 mm ² - hartvergoldet, 6 - 16 mm ² Durchgangswiderstand: ≤ 1 mΩ Crimpanschluss: - mm ² 2,5 - 16 mm ² - AWG 14 - 4	Stiftkontakt versilbert <i>Pin contact silver plated</i>  3-1105150-1 4-1105150-1 5-1105150-1 6,0 10 16 Stiftkontakt vergoldet <i>Pin contact gold plated</i>  3-1105150-2 4-1105150-2 5-1105150-2 6,0 10 16		
 Buchsenkontakt/Socket contact  Material: Copper alloy Finish: - hard silver, 2,5 - 16 mm ² - hard gold, 6 - 16 mm ² Contact resistance: ≤ 1 mΩ Crimp terminal: - mm ² 2,5 - 16 mm ² - AWG 14 - 4	Buchsenkontakt versilbert <i>Socket contact silver plated</i>  3-1105151-1 4-1105151-1 5-1105151-1 6,0 10 16 Buchsenkontaktvergoldet <i>Socket contact gold plated</i>  3-1105151-2 4-1105151-2 5-1105151-2 6,0 10 16		

Werkzeuge für Crimptechnik HSS Serie/Crimping tools HSS series

Bezeichnung Description	Bestelltext Designation	Bestell-Nr. Order No.	Querschnitt mm ² Cross section mm ²
Crimpzange ohne Crimpbacken <i>Crimping tool without crimping jaws</i> 	HSS-CSZ.2,5-70mm ²	1-1105653-8	2,5-70mm ²
Crimpbacken für HSM, HSL, HSS <i>Crimping jaws for HSM, HSL, HSS</i> 	CB-HSS-CSZ.6mm ² CB-HSS-CSZ.10mm ² CB-HSS-CSZ.16mm ²	2-1105653-8 3-1105653-8 4-1105653-8	2,5-16mm ²
Crimpzange ohne Locator und Matrice <i>Crimping tool without locator and die</i> 	RSZ.BAS	1-1105850-8	
Locator <i>Locator</i> 	RSZ.LC 6+25 mm ² RSZ.LC 10+16 mm ²	1-1105652-8 2-1105652-8	6+25mm ² 10+16mm ²
Ausdrückwerkzeug HSS/AIR <i>Extraction tool HSS/AIR</i> 	AWZG-HSS-RSZ	0-1102855-5	alle Querschnitte all cross sections

Crimphülsen max. 150 A/Crimping sleeves max. 150 A

Crimphülsen für Kontaktserie HF-06/Crimping sleeves for contact series HF-06

Bezeichnung Description	Bestelltext Designation	Bestell-Nr. Order No.
Crimphülsen für Stift-/Buchsensteckseite - Schrumpfschlauch - Crimphülse <i>Crimp barrel for pin-/socket side</i> - shrink tube - crimp barrel	CH.06mm ² -SW17 CH.10mm ² -SW17 CH.16mm ² -SW17 CH.25mm ² -SW17 CH.35mm ² -SW17 CH.50mm ² -SW17 CH.70mm ² -SW17	0-1110952-1 0-1110952-2 0-1110952-3 0-1110952-5 0-1110952-7 0-1110952-9 1-1110952-0
	HF.06.Sti.	0-1110948-1
	HF.06.Bu.	0-1110949-1

Crimphülsen max. 350 A/Crimping sleeves max. 350 A

Crimphülsen für Kontaktserie HF-13/Crimping sleeves for contact series HF-13

Crimphülsen für Stift-/Buchsensteckseite bestehend aus - Schrumpfschlauch - Crimphülse - Adapter <i>Crimp barrel for pin-/socket side</i> - shrink tube - crimp barrel - adapter	CH.50mm ² -13/16mm CH.70mm ² -13/16mm CH.95mm ² -13/16mm CH.105mm ² -13/16mm CH.120mm ² -13/16mm CH.150mm ² -13/16mm	0-1110953-5 0-1110953-6 0-1110953-7 0-1110953-8 0-1110953-9 1-1110953-1
		

Passendes Verarbeitungswerkzeug/suitable tools

Crimpzange ohne Crimpbacken <i>Crimping tool without crimping jaws</i>		HSS-CSZ.2,5-70mm ²	1-1105653-8
Crimpbacken für HSL, HSS <i>Crimping jaws for HSL, HSS</i>		CB-HSS-CSZ.6mm ² CB-HSS-CSZ.10mm ² CB-HSS-CSZ.16mm ² CB-HSS-CSZ.25mm ² CB-HSS-CSZ.35mm ² CB-HSS-CSZ.50mm ² CB-HSS-CSZ.70mm ²	2-1105653-8 3-1105653-8 4-1105653-8 5-1105653-8 6-1105653-8 7-1105653-8 8-1105653-8
Hydraulische Crimpzange <i>Hydraulic Crimping tool</i>		CZ-HF.60.M	0-1110956-1
Presseinsätze <i>dies</i>		SET-50-150mm ² 150mm ² -KZ22 120mm ² -KZ20 95mm ² -KZ18 70mm ² -KZ16 50mm ² -KZ14	0-1110956-7 0-1110956-6 0-1110956-5 0-1110956-4 0-1110956-3 0-1110956-2

Koax-Kontakte/Coax-contacts

Koax-Kontakte RG58/RG59

Wellenimpedanz	50 Ω / 75 Ω
spezifischer Widerstand	max. 2mΩ
Ziehkraft	min. 1N
Zugfestigkeit	min. 50N
Spannungsfestigkeit	1000VAC über 1min
Isolationswiderstand	200 mΩ nach 1min Betrieb
Steckkraft	max. 1,5N
Werkstoff	Kupferlegierung
Kontaktfläche	vergoldet
Druckhülsoberfläche	versilbert
Crimpanschluß	

Coax-contacts RG58/RG59

Wave impedance	50 Ω / 75 Ω
Specific resistance	max. 2m(
Unmating force	min. 1N
Tensile strength	min. 50N
Dielectric withstanding voltage	1000VAC over/during? 1min
Insulation resistance	200 mΩ after 1min operation
Mating force	max. 1,5N
Material	copper alloy
contact surface	gold-plated
Ferrule surface	silver-plated
Crimp termination	

Bezeichnung Description	Bestelltext Designation	Bestell-Nr. Stifteinsatz Male insert	Order No. Buchseinsatz Female insert
Koax Crimpkontakte/Coax Crimp tcontacts	KX-RG.58.Sti KX-RG.59.Sti	1-1105350-1 2-1105350-1	
Stiftkontakt Pin contact	KX-RG.58.Bu KX-RG.59.Bu		1-1105351-1 2-1105351-1
Buchsenkontakt Socket contact			

Koax-Kontakte

Wellenimpedanz	75 Ω
Anschlußart	Löt
Innenleiter	Klemm
Außenleiter	
Kabeldurchmesser	
Innenleiter	0,8/1,44/2,8
Außenleiter	6,1/10,0/10,7

Coax-contacts

Wave impedance	75 Ω
Type of termination	
internal conductor	solder
outside conductor	clamp
Dimensions of the wire	
internal conductor	0,8/1,44/2,8
outside conductor	6,1/10,0/10,7

Kabelabmasse Cable measures	Innen ø Inner ø	Schirm ø Braid ø	Außen ø Outer ø
KX.RG.58	0,81	2,95	4,95
KX.RG.59	0,64	3,71	6,15
KX.VT.0,8/3,5	0,8	3,5	6,1
KX.VT.1,4/6,3	1,4	6,3	10,0
KX.VT.3,0/7,3	3,0	7,3	10,8

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No. Stifteinsatz Male insert	Buchseinsatz Female insert
Koax Crimpkontakte/Coax Crimp tcontacts	KX.VT.Sti.0,8/3,5/6,1 KX.VT.Sti.1,4/6,3/10,0 KX.VT.Sti.3,0/7,3/10,8	0-1108600-1 0-1108628-1 0-1108616-1	
Stiftkontakt Pin contact	KX.VT.Bu.0,8/3,5/6,1 KX.VT.Bu.1,4/6,3/10,0 KX.VT.Bu.3,0/7,3/10,8		0-1108601-1 0-1108629-1 0-1108617-1
Buchsenkontakt Socket contact			

Werkzeuge für Crimptechnik Koax/Crimping tools Coax

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	Maße mm² Dimensions mm²
Crimpzange Koax/Crimping tool Coax	KX-CZ.58	0-0045740-2	
Crimpzange Koax/Crimping tool Coax	KX-CZ.59 +Matrize/Die	69710-1 69675-1	
Ausdrückwerkzeug KX RG 58/59 Extraction tool KX RG 58/59	KX-AWZG.58/59	0-0305183-8	
Ausdrückwerkzeug KX-VT Extraction tool KX-VT	KX-VT-AWZG	1-1105752-8	

Kontakte (Optik) HD-LWL Serie/Contacts (Optics) HD-LWL series

LWL-Kontakte (Optik)

Kontakt-Werkstoff Ms,
Zentrierhülse-Werkstoff
Zusammenstellung:

verzinnt und rostfreier Stahl
Thermoplast
kurzer Kontakt mit Zentrierhülse
langer Kontakt

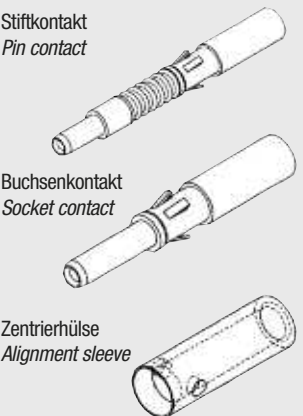
Einfügungsdämpfung
Steckhäufigkeit
Betriebstemperatur
Kabelhaltekraft im Kontakt [N]
Kontakthaltekraft im Modul
Leitungstyp 1mm Plastik-Lichtwellenleiter
mit 2,2mm Mantel
Crimpanschluß

LWL-contacts (optics)

Contact-material Ms,
Material of centering ferrule
assembly:

tin-plated and stainless steel
thermoplastics
short contact with centering ferrule
long contact

insertion loss
mating frequency
Operating temperature
holding power of the cable in the contact [N]
contact retention force in the module
cable type 1mm plastic-fiber optics
with 2,2mm sleeve
Crimp connection

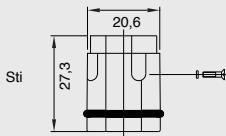
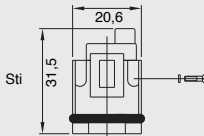
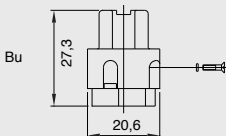
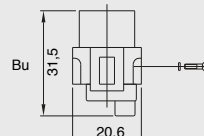
Bezeichnung Description	Zentrierhülse Alignment sleeve	Stifteinsatz Male insert	Buchseinsatz Female insert
Stiftkontakt Pin contact Buchsenkontakt mit Zentrierhülse Socket contact with alignment sleeve Zentrierhülse für kurzen Kontakt Alignment sleeve for short contact 	Stiftkontakt Pin contact Buchsenkontakt Socket contact Zentrierhülse Alignment sleeve 	0-0216341-1	0-0216342-1
	0-1102921-1		

Werkzeuge für Crimptechnik Koax/Crimping tools Coax

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./ Order No.	Maße mm² Dimensions mm²
Crimpzange/Crimping tool	Crimpzange	0-0090364-2	
Faserstripper/Cable stripper	Faserstripper	0-0501198-1	
Schneidlehre o. Abb./Cutting gauge	Schneidlehre	0-0100281-1	
Rückschmelzofen/Hot melting Unit	Rückschmelzofen	0-0734423-1	
Schmelzlehre lange Kontakte/Melting gauge long contact	Schmelzlehre lange Kontakte	0-0100606-2	
Schmelzlehre kurze Kontakte/Melting gauge short contact	Schmelzlehre kurze Kontakte	0-0100281-2	
Ausdrückwerkzeug HD/Extraction tool HD	AWZG-HD.M-RSZ	0-1102855-1	
Eindrückwerkzeug/Insertion tool	EWZG-RZS	0-1102855-6	

HA.3/HA.4 Kontakteinsätze/ <i>Contact inserts</i>		Baugröße/ <i>Size 1</i>
Schraubanschluss		Kontaktzahlen <i>No. of contacts</i>
<i>Screw terminal</i>		3/4 + 
		250 V/10 A

Bezeichnung <i>Description</i>	Bestelltext <i>Designation</i>	Bestell-Nr./ <i>Order No.</i>	
		Stifteinsatz <i>Male insert</i>	Buchseinsatz <i>Female insert</i>
Stifteinsatz/ <i>Male insert</i>			
Buchseinsatz/ <i>Female insert</i>			
HA.3 Kontakteinsätze/<i>Contact inserts</i>			
Schraubanschluss/ <i>Screw terminal</i>			
	HA.3.Sti.S	1-1103400-1	
	HA.3.Bu.S		1-1103401-1
HA.4 Kontakteinsätze/<i>Contact inserts</i>			
Schraubanschluss/ <i>Screw terminal</i>			
	HA.4.Sti.S	1-1103402-1	
	HA.4.Bu.S		1-1103403-1

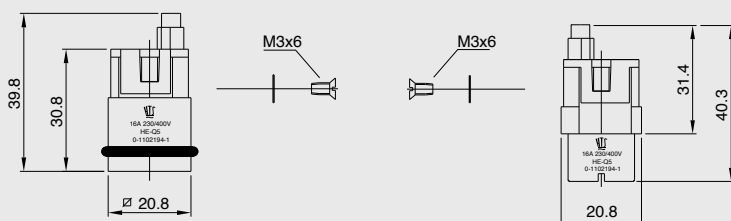
HA.3		HA.4	
Maßbild mm/ <i>Dimensions mm</i>	Kontaktanordnung Anschlußseite Stift <i>Contact arrangement Male insert</i>	Maßbild mm/ <i>Dimensions mm</i>	Kontaktanordnung Anschlußseite Stift <i>Contact arrangement Male insert</i>
			
	Kontaktanordnung Anschlußseite Buchse <i>Contact arrangement Female insert</i>		Kontaktanordnung Anschlußseite Buchse <i>Contact arrangement Female insert</i>
			

HE-Q.5 Kontakteinsätze/ <i>Contact inserts</i>		Baugröße/Size 1
Crimpanschluss für gedrehte HE Crimpkontakte		Kontaktzahlen No. of contacts
Crimp terminal for screw machined HE crimp contacts		5 + 
		400 V/16 A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert			
Buchseinsatz/Female insert			
Crimpanschluss/Crimp terminal			
	HE-Q.5.Sti.C	0-1102195-1	
	HE-Q.5.Bu.C		0-1102194-1

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
 Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm Dimensions mm



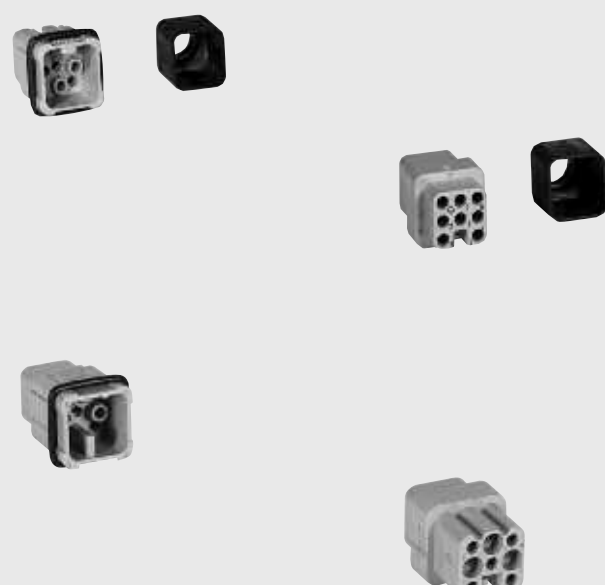
Kontaktanordnung Anschlußseite Stift Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse Contact arrangement Female insert



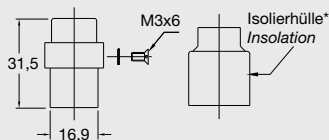
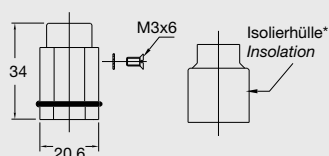
HN.D.7/HN.D.8 Kontakteinsätze/Contact inserts**Baugröße/Size 1****Crimpanschluss für gedrehte HN.D Crimpkontakte****Kontaktzahlen****No. of contacts****Crimp terminal for screw machined HN.D crimp contacts****7/8 + ****250 V/10 A / 42* V/10 A**

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert Buchseinsatz/Female insert Crimpanschluss/Crimp terminal 	HN.D.7.Sti.C.250V HN.D.7.Sti.C.42V* HN.D.7.Bu.C.250V HN.D.7.Bu.C.42V* HN.D.8.Sti.C.42V* HN.D.8.Bu.C.42V*	2-1103100-3 2-1103102-3 2-1103101-3 2-1103103-3 2-1103104-3 2-1103105-3	

*Einschränkung der Nennspannung (42 V) nur bei Verwendung von Metallgehäusen wie Serie HA.3. Bei Verwendung von Kunststoffgehäusen (Serie HD.7) beträgt die Nennspannung 250 V.
 Limited nominal Voltage (42 V) only in combination with metal housing series as HA.3 series.
 When used with nylon housings (Series HD.7) the rated voltage is 250 V.

Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
 Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

Maßbild mm
 Dimensions mm



Isolierhülle nur für Variante 250V
 Insolation only for 250V insert

Kontaktanordnung Anschlußseite Stift
 Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
 Contact arrangement Female insert



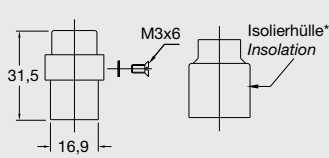
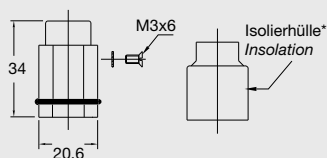
HD.7 Kontakteinsätze/Contact inserts**Baugröße/Size 1****Crimpanschluss für gestanzte HD.M Crimpkontakte****Kontaktzahlen
No. of contacts****Crimp terminal for stamped HD.M crimp contacts****7/8 + ****250 V/10 A / 42V/10A**

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert Buchseinsatz/Female insert Crimpanschluss/Crimp terminal    	HD.7.Sti.C.250V HD.7.Sti.C.42V* HD.7.Bu.C.250V HD.7.Bu.C.42V* HD.8.Sti.C.42V* HD.8.Bu.C.42V*	2-1103000-3 2-1103002-3 2-1103001-3 2-1103003-3 0-1102892-1 0-1102893-1	

*Einschränkung der Nennspannung (42 V) nur bei Verwendung von Metallgehäusen wie Serie HA.3. Bei Verwendung von Kunststoffgehäusen (Serie HD.7) beträgt die Nennspannung 250 V.
*Limited nominal Voltage (42 V) only in combination with metal housing series as HA.3 series.
 When used with nylon housings (Series HD.7) the rated voltage is 250 V.*

Passende Crimpkontakte siehe Seite 35, Passende Crimpwerkzeuge siehe Seite 35
 Suitable Crimp contacts see page 35, Suitable Crimping tools see page 35

Maßbild mm
 Dimensions mm



Isolierhülle nur für Variante 250V
 Insolation only for 250V insert

Kontaktanordnung Anschlußseite Stift
 Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
 Contact arrangement Female insert



HA.3 Gehäuse/Housings

Baugröße/Size 1

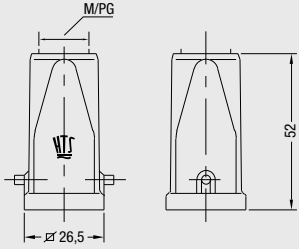
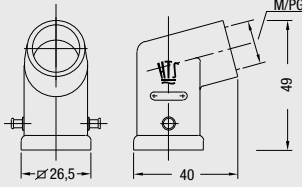
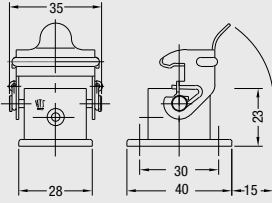
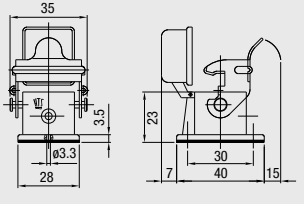
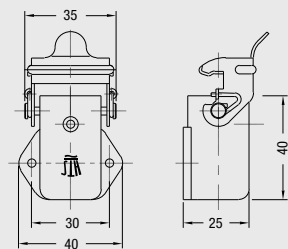
Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

*Zubehör siehe Seite 189
 *Accessories see page 189

Längsbügel am Unterteil/Side clip at housing bottom

(IP 44) IP 65*

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang oben Hood: Top entry  	M16 M20	11	HA.3.STO.1.11.Z HA.3.STO.1.M16.Z HA.3.STO.1.M20.Z Mit Korrosionsschutz With corrosion protection	1-1102101-7 0-1106405-1 0-1106405-3
Steckergehäuse: Kabeleingang seitlich Hood: Side entry  	M16 M20	11	HA.3.STW.1.11.Z HA.3.STW.1.M16.Z HA.3.STW.1.M20.Z	1-1102103-7 0-1106406-1 0-1106406-3
Anbaugehäuse: Kabeleingang unten Surface mounted housing: Bottom entry  			HA.3.AG-LB Mit Korrosionsschutz With corrosion protection HA-K.3.AG-LB	1-1102105-2 2-1102105-2
Anbaugehäuse: Kabeleingang unten Surface mounted housing: Bottom entry  			HA.3.AGD-LB	1-1102106-2
Winkel-Anbaugehäuse: Kabeleingang unten Surface mounted housing: Bottom entry  			HA.3.AGW-LB Mit Korrosionsschutz With corrosion protection HA-K.3.AGW-LB	1-1102107-2 2-1102107-2

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HA.3 Gehäuse/Housings

Baugröße/Size 1

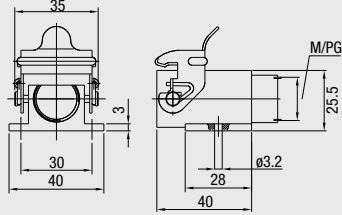
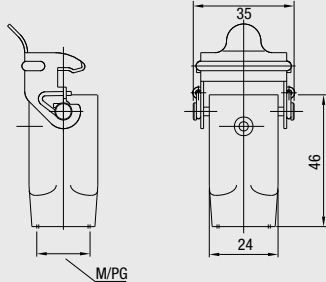
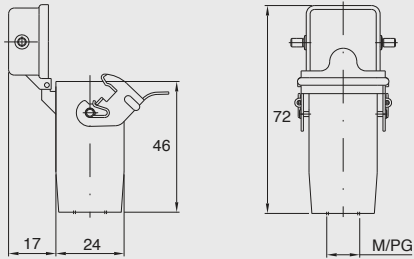
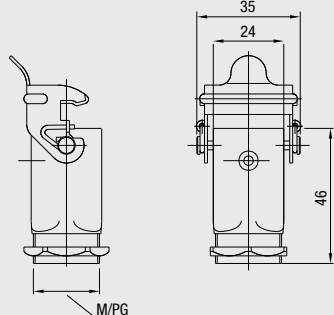
Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

*Zubehör siehe Seite 189
 *Accessories see page 189

Längsbügel am Unterteil/Side clip at housing bottom

(IP 44) IP 65*

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Sockelgehäuse: Kabeleingang seitlich Surface mounted housing: Side entry  	M16 M20	11 11	HA.3.SG-LB.1.11.G HA.3.SG-LB.1.11.Z HA.3.SG-LB.1.M16.Z HA.3.SG-LB.1.M20.G	1-1102110-2 1-1102109-2 0-1106404-1 0-1106404-3
Kupplungsgehäuse: Kabeleingang unten Cable-to-cable hood: Bottom entry  	M16	11	HA.3.KD0-LB.1.11.Z HA.3.KD0-LB.1.M16.Z	1-1102112-2 0-1106403-1
Kupplungsgehäuse mit Deckel Cable-to-cable hood with cover  		11	HA.3.KD0D-LB.1.11Z	1-1108759-2
Einschraubgehäuse: Kabeleingang unten Surface mounted housing: Bottom entry  	M20	16	HA.3.EG-LB/A.1.16.Z HA.3.EG-LB/M.1.20.Z	1-1102114-2 0-1102874-1

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HG-Q.5 Gehäuse/Housings

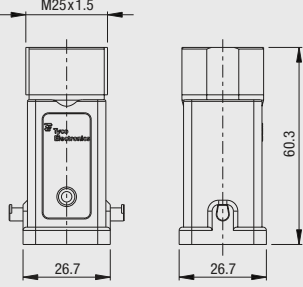
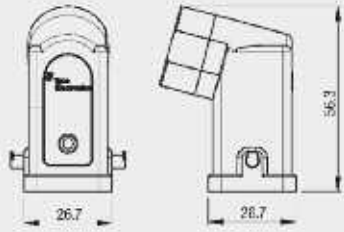
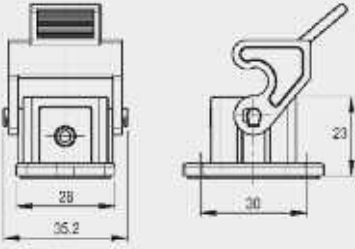
Baugröße/Size 1

Kunststoff, glasfaserverstärkt, weiß
BL = schwarz

Plastic, glass-fibre reinforced, white
BL = black

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description		 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang oben Hood: Top entry	 	M25 M25		HG-Q.5.ST0.1.M25 HG-Q.5.ST0.1.M25.BL	0-1103169-1 0-1103169-2
Steckergehäuse: Kabeleingang seitlich Hood: Side entry	 	M25 M25		HG-Q.5.STW.1.M25 HG-Q.5.STW.1.M25.BL	0-1103170-1 0-1103170-2
Anbaugehäuse: Kabeleingang unten Surface mounted housing: Bottom entry	  Montageausschnitt/Panel cut-out 22 x22			HG-Q.5.AG HG-Q.5.AG.BL	0-1103171-1 0-1103171-2

Passende Hut-Verschraubungen auf Seite 59/Suitable gland fittings from page 59

HG-Q.5 Gehäuse/Housings

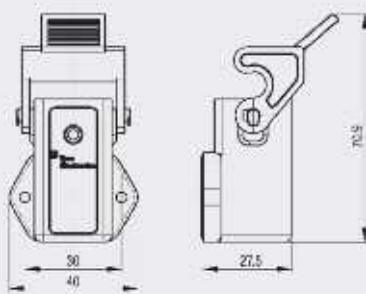
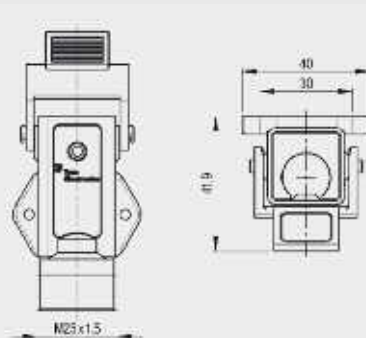
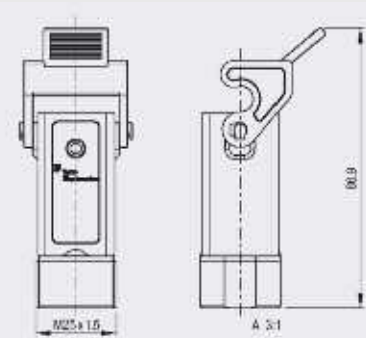
Baugröße/Size 1

Kunststoff, glasfaserverstärkt, weiß
BL = schwarz

Plastic, glass-fibre reinforced, white
BL = black

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Winkel-Anbaugehäuse: Kabeleingang unten Surface mounted housing: Bottom entry   Montageausschnitt/Panel cut-out $\varnothing$ 20			HG-Q.5.AGW HG-Q.5.AGW.BL	0-1103172-1 0-1103172-2
Sockelgehäuse: Kabeleingang seitlich Surface mounted housing: Side entry  	M25 M25		HG-Q.5.SG.1.M25 HG-Q.5.SG.1.M25.BL	0-1103173-1 0-1103173-2
Kupplungsgehäuse: Kabeleingang oben, Standard Bauform Cable-to-cable hood: Top entry, Standard construction  	M25 M25		HG-Q.5.KD0.1.M25 HG-Q.5.KD0.1.M25.BL	0-1103174-1 0-1103174-2

Passende Hut-Verschraubungen auf Seite 59/Suitable gland fittings from page 59

HIP.3/4, HIP-K.3/4, EMV-K.3/4 Gehäuse/Housings

Baugröße/Size 1

HIP: Druckdicht, silbergrau, **HIP-K:** Korrosionsgeschützt, schwarz

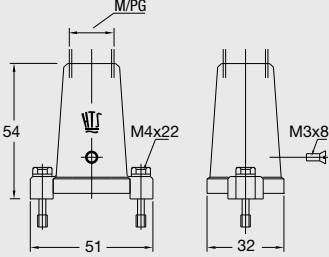
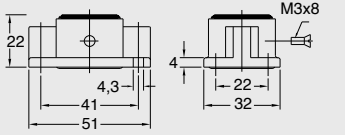
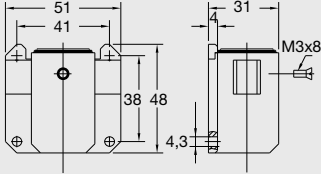
EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz

HIP: Pressure-tight, silver-grey, **HIP-K:** Housings corrosion-resistant, black

EMV-K: Protection against electro-magnetic interference, pressure-tight, housings corrosion-resistant, black

Schraubverriegelung am Oberteil/Screw lock on hood

IP 68

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang oben Hood: Top entry				
 	M16	11	HIP HIP.3/4.STO.1.11.G HIP.3/4.STO.1.M16.G	1-1102600-5 0-1106408-1
	M16 M20	11	HIP-K HIP-K.3/4.STO.1.11.G HIP-K.3/4.STO.1.M16.G HIP-K.3/4.STO.1.M20.G	2-1102600-5 0-1106408-2 0-1106408-3
	M16 M20	11	EMV-K EMV-K.3/4.STO.1.11.G EMV-K.3/4.STO.1.M16.G EMV-K.3/4.STO.1.M20.G	4-1102700-5 0-1106402-2 0-1106402-3
Anbaugehäuse: Kabeleingang unten Surface mounted housing: Bottom entry				
  Montageausschnitt/Panel cut-out 21 x 21			HIP HIP.3/4.AG	1-1102603-5
			HIP-K HIP-K.3/4.AG	2-1102603-5
			EMV-K EMV-K.3/4.AG	4-1102703-5
Sockelgehäuse: Kabeleingang unten (durch Montageausschnitt) Surface mounted housing: Bottom entry (by panel cut-out)				
  Montageausschnitt/Panel cut-out ø 20			HIP HIP.3/4.SGF	1-1102602-5
			HIP-K HIP-K.3/4.SGF	2-1102602-5
			EMV-K EMV-K.3/4.SGF	4-1102702-5

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HIP.3/4, HIP-K.3/4, EMV-K.3/4 Gehäuse/Housings

Baugröße/Size 1

HIP: Druckdicht, silbergrau, **HIP-K:** Korrosionsgeschützt, schwarz

EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz

HIP: Pressure-tight, silver-grey, **HIP-K:** Housings corrosion-resistant, black

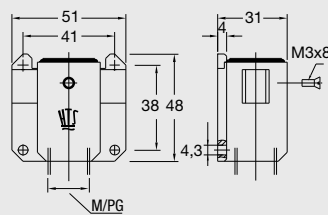
EMV-K: Protection against electro-magnetic interference, pressure-tight, housings corrosion-resistant, black

Schraubverriegelung am Oberteil/Screw lock on hood

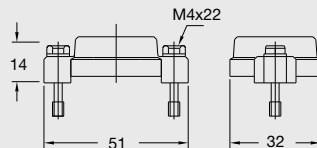
IP 68

Bezeichnung
Description

Sockelgehäuse: Kabeleingang seitlich
Surface mounted housing: Side entry



Schutzkappe für Gehäuse-Unterteile
Protective covers for housings



Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
M16 M20	11	HIP HIP.3/4.SG.1.11.G HIP.3/4.SG.1.M16.G HIP.3/4.SG.1.M20.G	1-1102601-5 0-1106407-1 0-1106401-4
M16	11	HIP-K HIP-K.3/4.SG.1.11.G HIP-K.3/4.SG.1.M16.G	2-1102601-5 0-1106407-2
M16 M20	11	EMV-K EMV-K.3/4.SG.1.11.G EMV-K.3/4.SG.1.M16.G EMV-K.3/4.SG.1.M20.G	4-1102701-5 0-1106401-2 0-1106401-3
		HIP/EMV HIP/EMV.3/4.SKB	3-1106200-5
		HIP-K/EMV-K HIP-K/EMV-K.3/4.SKB	4-1106200-5

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HG-Q Kontakteinsätze/*Contact inserts*

Baugröße/Size Q

Kontaktzahlen
No. of contacts

4/2 + 

8 + 

10

4 x 690 V/40A & 2 x 250 V/10A

8 x 500 V/16A

10 x 400 V/20A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No. Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert			
Buchseinsatz/Female insert			
Crimpanschluss/Crimp terminal			
	HG-Q.4/2.Sti.C	0-1103095-1	
	HG-Q.4/2.Bu.C		0-1103096-1
Passende Crimpkontakte Power siehe Seite 39, passende Crimpkontakte Signal siehe Seite 34 Suitable Crimp contacts power see page 39, suitable Crimp contacts signal see page 39			
Crimpanschluss/Crimp terminal			
	HG-Q.8.Sti.C	0-1103070-1	
	HG-Q.8.Bu.C		0-1103071-1
Passende Crimpkontakte siehe Seite 37/Suitable Crimp contacts see page 37			
Crimpanschluss/Crimp terminal			
	HG-Q.10 Housings	X-1103092-X	
siehe auch Seite 58 see also page 58			
	HG-Q.10 Sti.C	0-1108808-1	
	HG-Q.10.Bu.C		0-1103091-1
Passende Crimpkontakte siehe Seite 36/Suitable Crimp contacts see page 36			

HE-Q.4/2	HE-Q.8	HE-Q.10
Kontaktanordnung Anschlußseite Stift/<i>Contact arrangement Male insert</i>		
Kontaktanordnung Anschlußseite Buchse/<i>Contact arrangement Female insert</i>		

HG-Q Gehäuse/Housings

Baugröße/Size Q

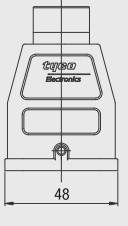
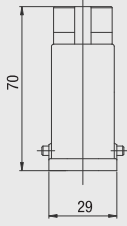
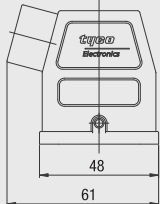
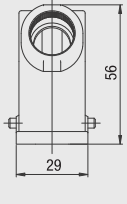
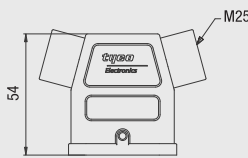
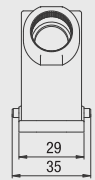
Kunststoff, glasfaserverstärkt

EMV: Schutz gegen elektromagnetische Beeinflussung

Plastic glass-fibre reinforced

EMV: Protection against electro-magnetic interference

IP 65

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang oben Hood: Top entry				
  	M25		HG-Q.STO.1.M25.Z	0-1103073-2
	M25		EMV HG-Q-EMV.STO.1.M25.Z	0-1103073-4
Steckergehäuse: Kabeleingang seitlich Hood: Side entry				
  	M25		HG-Q.STS.1.M25.Z	0-1103073-1
	M25		EMV HG-Q-EMV.STO.1.M25.Z	0-1103073-3
Steckergehäuse: Kabeleingang zweiseitig Hood: both side entry				
  	M25		HG-Q.STS.2.M25.Z	0-1103155-1
	M25		EMV HG-Q-EMV.STS.2.M25.Z	0-1103155-2

Passende Kabelverschraubungen Seite 59/Suitable Cable fittings page 59

HG-Q Gehäuse/Housings

Baugröße/Size Q

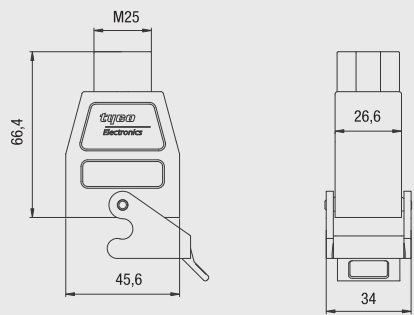
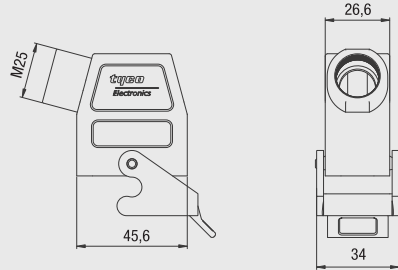
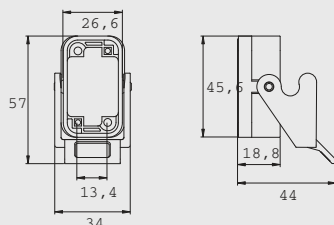
Kunststoff, glasfaserverstärkt

EMV: Schutz gegen elektromagnetische Beeinflussung

Plastic glass-fibre reinforced

EMV: Protection against electro-magnetic interference

IP 65

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Kupplungsgehäuse: Kabeleingang unten Cable-to-cable hood: Bottom entry  	M25		HG-Q.KDO-LB.1.M25.Z	0-1108795-1
	M25		EMV HG-Q-EMV.KDO-LB.1.M25.Z	0-1108795-3
Kupplungsgehäuse: Kabeleingang seitlich Cable-to-cable hood: Side entry  	M25		HG-Q.KDS-LB.1.M25.Z	0-1108795-2
	M25		EMV HG-Q-EMV.KDS-LB.1.M25.Z	0-1108795-4
Kupplungsgehäuse: Kabeleingang unten Surface mount housing: Bottom entry  			HG-Q.AG-LB	0-1103072-1
			EMV HG-Q-EMV.AG-LB	0-1103072-2

Passende Kabelverschraubungen Seite 59/Suitable Cable fittings page 59

HG-Q.10 Motorgehäuse/Motor housings

Baugröße/Size Q

Kunststoff, glasfaserverstärkt

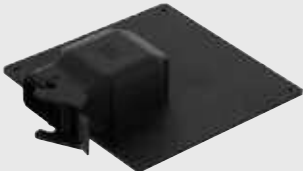
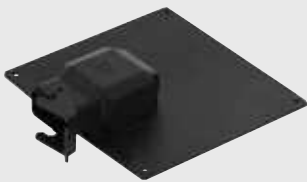
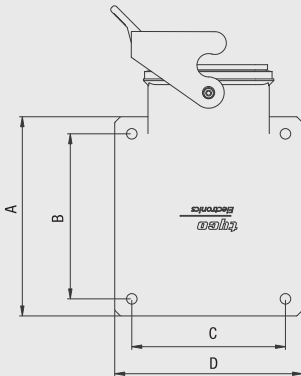
EMV: Schutz gegen elektromagnetische Beeinflussung

Plastic glass-fibre reinforced

EMV: Protection against electro-magnetic interference

400 V/20 A

IP 65

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.																																								
        Maße/Dimensions mm <table><tr><th>PN</th><th>A</th><th>B</th><th>C</th><th>D</th></tr><tr><td>0-1, 0-8</td><td>70</td><td>58</td><td>54</td><td>66</td></tr><tr><td>0-2, 0-9</td><td>70</td><td>60</td><td>60</td><td>70</td></tr><tr><td>0-3, 1-0</td><td>74</td><td>56</td><td>56</td><td>74</td></tr><tr><td>0-4, 1-1</td><td>75</td><td>64</td><td>64</td><td>75</td></tr><tr><td>0-5, 1-2</td><td>120</td><td>105</td><td>105</td><td>120</td></tr><tr><td>0-6, 1-3</td><td>140</td><td>125</td><td>125</td><td>140</td></tr><tr><td>0-7, 1-4</td><td>165</td><td>130</td><td>150</td><td>165</td></tr></table>	PN	A	B	C	D	0-1, 0-8	70	58	54	66	0-2, 0-9	70	60	60	70	0-3, 1-0	74	56	56	74	0-4, 1-1	75	64	64	75	0-5, 1-2	120	105	105	120	0-6, 1-3	140	125	125	140	0-7, 1-4	165	130	150	165			HG-Q.10.MC.1	0-1103092-1
PN	A	B	C	D																																								
0-1, 0-8	70	58	54	66																																								
0-2, 0-9	70	60	60	70																																								
0-3, 1-0	74	56	56	74																																								
0-4, 1-1	75	64	64	75																																								
0-5, 1-2	120	105	105	120																																								
0-6, 1-3	140	125	125	140																																								
0-7, 1-4	165	130	150	165																																								
			EMV HG-Q.10-EMV.MC.1	0-1103092-8																																								
			HG-Q.10.MC.2	0-1103092-2																																								
			EMV HG-Q.10-EMV.MC.2	0-1103092-9																																								
			HG-Q.10.MC.3	0-1103092-3																																								
			EMV HG-Q.10-EMV.MC.3	1-1103092-0																																								
			HG-Q.10.MC.4	0-1103092-4																																								
			EMV HG-Q.10-EMV.MC.4	1-1103092-1																																								
			HG-Q.10.MC.5	0-1103092-5																																								
			EMV HG-Q.10-EMV.MC.5	1-1103092-2																																								
			HG-Q.10.MC.6	0-1103092-6																																								
			EMV HG-Q.10-EMV.MC.6	1-1103092-3																																								
			HG-Q.10.MC.7	0-1103092-7																																								
			EMV HG-Q.10-EMV.MC.7	1-1103092-4																																								

Passende Crimpkontakte Seite 36/Suitable Crimp contacts page 36

HG-Q Zubehör/Accessories

Baugröße/Size Q

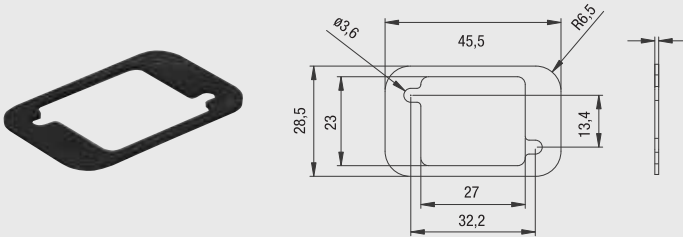
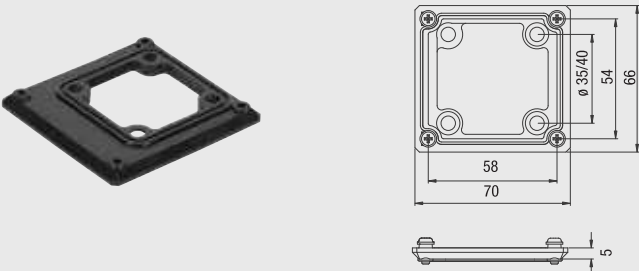
Kunststoff, glasfaserverstärkt

EMV: Schutz gegen elektromagnetische Beeinflussung

Plastic glass-fibre reinforced

EMV: Protection against electro-magnetic interference

IP 65

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Flanschdichtung für HG-Q.8 Anbaugehäuse Flange sealing for HG-Q.8 Surface Mount Housing 			Leitend / Conductive HG-Q.FI-dicht-L	0-1108794-2
Adapterplatte für HG-Q.10, IP 65 aus Kunststoff Adaptor flange for HG-Q.10, IP 65 plastic 			HG-Q.10.FL.1 HG-Q.10.FL.2 EMV HG-Q.10-EMV.FL.1 HG-Q.10-EMV.FL.2	0-1103093-1 0-1103093-2 0-1103093-3 0-1103093-4
Hut-Verschraubung M, IP 68 aus Kunststoff Gland fitting, IP 68 plastic  Gelb/ Yellow Grau/ Grey Schwarz/ Black Grün/ Green Rot/ Red Weiß/ White Alle Hut-Verschraubungen werden mit schwarzen M25 Druckschrauben geliefert All glands are supplied with a black M25 nut	M25 M25 M25 M25 M25 M25		HG-Q.M25.6,5/4,0 HG-Q.M25.8,0/5,0 HG-Q.M25.9,5/6,5 HG-Q.M25.10,5/7,0 HG-Q.M25.13,0/9,0 HG-Q.M25.15,5/11,5	0-1103074-1 0-1103074-2 0-1103074-3 0-1103074-4 0-1103074-5 0-1103074-6
Abdeckung für alle HG-Q Gehäuse/Cover for all HG-Q housings 			Set-HG-Q.8.SKP	0-1108818-1
Sicherheitsstift für Q.5 und Q.8, HE, HEE Coding pin for Q.5 and Q.8, HE, HEE 			Sich-Stift.HVE.C	0-1110984-4

HA.10 Kontakteinsätze/Contact inserts**Baugröße/Size 2**

Schraubanschluss, Federzug-Anschluss,
Crimpanschluss für gedrehte HE/HA Crimpkontakte

Kontaktzahlen
No. of contacts

*Screw terminal, Spring Clamp terminal,
Crimp terminal for screw machined HE/HA crimp contacts*

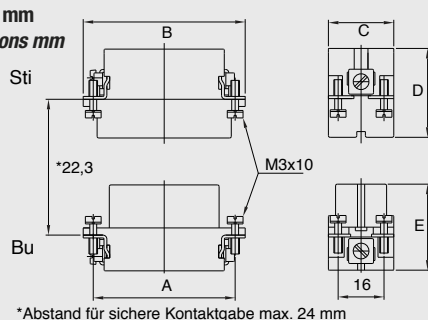
10 + 

250 V/16A

Bezeichnung Description		Bestelltext Designation	Bestell-Nr./Order No.		
			Stifteinsatz Male insert	Buchseinsatz Female insert	
Stifteinsatz/Male insert	Buchseinsatz/Female insert				
Schraubanschluss/Screw terminal		HA.10.Sti.S.B1-10	1-1103414-1	1-1103415-1	
		HA.10.Bu.S.B1-10			
Federzug-Anschluss/Spring Clamp terminal		HA.10.Sti.SC.B1-10	7-1103414-1	7-1103415-1	
		HA.10.Bu.SC.B1-10			
Crimpanschluss/Crimp terminal		HA.10.Sti.C.B1-10	2-1103414-3	2-1103415-3	
		HA.10.Bu.C.B1-10			
Maße/Dimensions					
mm	A	B	C	D	E
	49,5	57	23	31	28

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

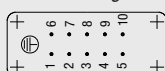
Maßbild mm
Dimensions mm



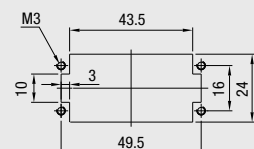
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



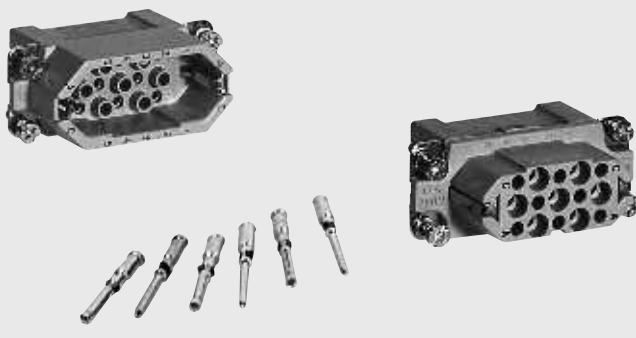
Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out

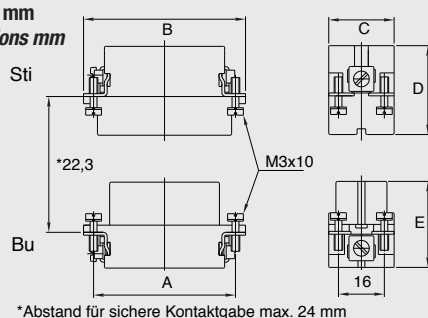


HN.D.15 Kontakteinsätze/Contact inserts**Baugröße/Size 2****Crimpanschluss für gedrehte HN.D Crimpkontakte****Kontaktzahlen
No. of contacts****Crimp terminal for screw machined HN.D crimp contacts****15 + ****250 V/10 A**

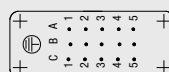
Bezeichnung Description		Bestelltext Designation	Bestell-Nr./Order No.		
			Stifteinsatz Male insert	Buchseinsatz Female insert	
Stifteinsatz/Male insert	Buchseinsatz/Female insert				
Crimpanschluss/Crimp terminal					
		HN.D.15.Sti.C	2-1103106-3		
		HN.D.15.Bu.C		2-1103107-3	
Maße/Dimensions					
mm	A	B	C	D	E
	49,5	57	23	35	35

Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
 Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

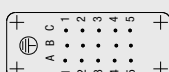
Maßbild mm
 Dimensions mm



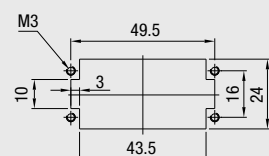
Kontaktanordnung Anschlußseite Stift
 Contact arrangement Male insert



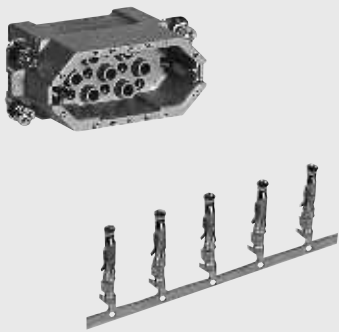
Kontaktanordnung Anschlußseite Buchse
 Contact arrangement Female insert



Montageausschnitt
 Panel cut-out



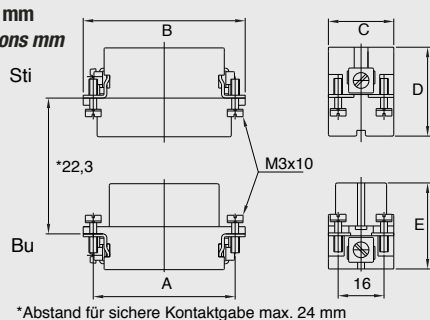
HD.15 Kontakteinsätze/Contact inserts**Baugröße/Size 2****Crimpanschluss für gestanzte HD.M Crimpkontakte****Kontaktzahlen
No. of contacts****Crimp terminal for stamped HD .Mcrimp contacts****15 + ****250 V/10 A**

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert			
Buchseinsatz/Female insert			
Crimpanschluss/Crimp terminal			
	HD.15.Sti.C	2-1103004-3	
	HD.15.Bu.C		2-1103005-3

Maße/Dimensions	A	B	C	D	E
mm	49,5	57	23	35	35

Passende Crimpkontakte siehe Seite 35, Passende Crimpwerkzeuge siehe Seite 35
 Suitable Crimp contacts see page 35, Suitable Crimping tools see page 35

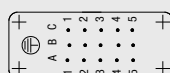
Maßbild mm
Dimensions mm



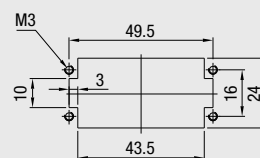
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HA.10/HD.15 Gehäuse/Housings

Baugröße/Size 2

Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction	M20 M25	13 16	HA.10.STS.1.13.G HA.10.STS.1.16.G HA.10.STS.1.M.20.G HA.10.STS.1.M.25.G	0-1102599-3 1-1102117-7 0-1106411-2 0-1106411-6
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform Hood: Side entry, High construction	M25	16 21	HD.15.STS.1.16.G HD.15.STS.1.21.G HD.15.STS.1.M25.G	1-1102427-7 1-1102430-7 0-1106414-2
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction	M20	16	HA.10.STO.1.16.G HA.10.STO.1.M.20.G	1-1102120-7 0-1106411-1
Steckergehäuse: Kabeleingang oben, Hohe Bauform Hood: Top entry, High construction	M25	16 21	HD.15.STO.1.16.G HD.15.STO.1.21.G HD.15.STO.1.M.25.G	1-1102433-7 1-1102436-7 0-1106414-1

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HA.10/HD.15 Gehäuse/Housings

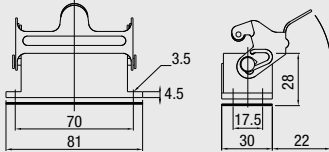
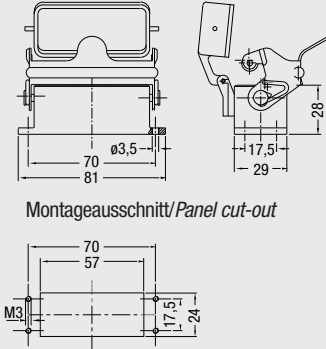
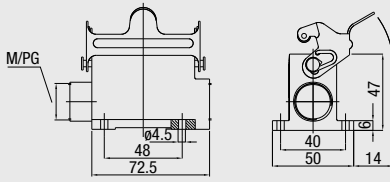
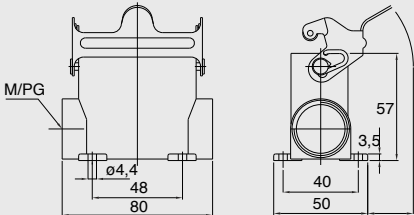
Baugröße/Size 2

Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction			HA.10.AG-LB	1-1102121-2
 				
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction			HA.10.AGD-LB	1-1102122-2
  Montageausschnitt/Panel cut-out				
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction			HA.10.SG-LB.1.16.Z HA.10.SG-LB.2.16.Z HA.10.SG-LB.1.M20.Z HA.10.SG-LB.2.M20.Z	1-1102124-2 1-1102126-2 0-1103057-1 0-1106410-2
 	M20 2xM20	16 2x16		
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction			HD.15.SG-LB.1.16.Z HD.15.SG-LB.1.21.Z HD.15.SG-LB.2.16.Z HD.15.SG-LB.2.21.Z HD.15.SG-LB.2.M25.Z	1-1102438-2 1-1102442-2 1-1102440-2 1-1102444-2 0-1106413-2
 	2xM25	16 21 2x16 2x21		

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HA.10/HD.15 Gehäuse/Housings

Baugröße/Size 2

Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction	M20 2xM20	16 2x16	HA.10.SGD-LB.1.16.Z HA.10.SGD-LB.2.16.Z HA.10.SGD-LB.1.M20.Z HA.10.SGD-LB.2.M20.Z	1-1102128-2 1-1102130-2 0-1103057-2 0-1106410-1
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction	2xM25	16 21 2x16 2x21	HD.15.SGD-LB.1.16.Z HD.15.SGD-LB.1.21.Z HD.15.SGD-LB.2.16.Z HD.15.SGD-LB.2.21.Z HD.15.SGD-LB.2.M25.Z	1-1102446-2 1-1102450-2 1-1102448-2 1-1102452-2 0-1106413-1
Kupplungsgehäuse: Kabeleingang unten, Standard Bauform Cable-to-cable hood: Bottom entry, Standard construction	M20	16	HA.10.KDO-LB.1.16.G HA.10.KDO-LB.1.M20.G	1-1102133-2 0-1106409-1
Kupplungsgehäuse: Kabeleingang unten, Hohe Bauform Cable-to-cable hood: Bottom entry, High construction	M25	16 21	HD.15.KDO-LB.1.16.G HD.15.KDO-LB.1.21.G HD.15.KDO-LB.1.M25.G	1-1102455-2 1-1102458-2 0-1106412-1

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HE.6 Kontakteinsätze/Contact inserts**Baugröße/Size 3**

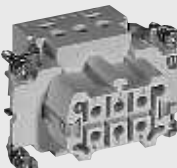
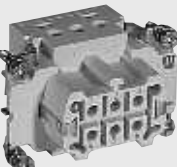
Schraubanschluss, Federzug-Anschluss,
Crimpanschluss für gedrehte HE/HA Crimpkontakte

Kontaktzahlen
No. of contacts

*Screw terminal, Spring Clamp terminal,
Crimp terminal for screw machined HE/HA crimp contacts*

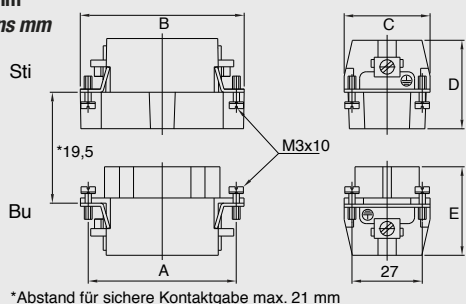
6 + 

400 V/16 A

Bezeichnung Description		Bestelltext Designation	Bestell-Nr./Order No.		
			Stifteinsatz Male insert	Buchseinsatz Female insert	
Stifteinsatz/Male insert			1-1103634-1	1-1103635-1	
Schraubanschluss/Screw terminal					
		HE.6.Sti.S			
		HE.6.Bu.S			
Federzug-Anschluss/Spring Clamp terminal					
		HE.6.Sti.SC			
		HE.6.Bu.SC			
Crimpanschluss/Crimp terminal			2-1103634-3	2-1103635-3	
		HE.6.Sti.C			
		HE.6.Bu.C			
Maße/Dimensions					
mm	A	B	C	D	E
	44	52	33	34	35

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

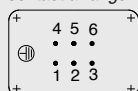
Maßbild mm
Dimensions mm



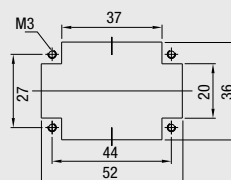
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HEE.10 Kontakteinsätze/Contact inserts**Baugröße/Size 3****Crimpanschluss für gedrehte HE Crimpkontakte****Kontaktzahlen
No. of contacts****Crimp terminal for screw machined HE crimp contacts****10 + ****500 V/16 A****Bezeichnung
Description****Bestelltext
Designation**
Bestell-Nr./Order No.
Stifteinsatz
Male insert
Buchseinsatz
Female insert

Stifteinsatz/Male insert

Buchseinsatz/Female insert

Crimpanschluss/Crimp terminal


HEE.10.Sti.C
HEE.10.Sti.C.FS*

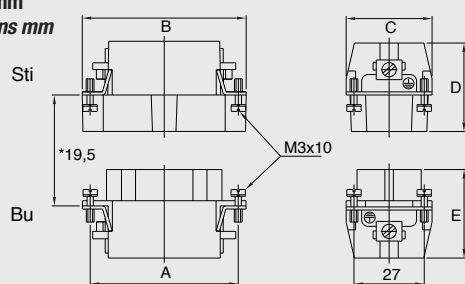
0-1102918-1
0-1102918-2

HEE.10.Bu.C
HEE.10.Bu.C.FS*

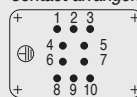
0-1102919-1
0-1102919-2

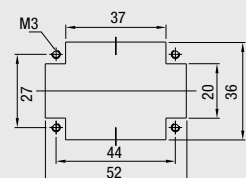
*Kunststoff ist I2F1 qualifiziert nach NF-F 16-101, 102
Plastic is qualified I2F1 according NF-F 16-101, 102

Maße/Dimensions	A	B	C	D	E
mm	44	51	33	34	37

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37
Maßbild mm
Dimensions mm


*Abstand für sichere Kontaktgabe max. 21 mm

Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert

Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert

Montageausschnitt
Panel cut-out


HVT.8 Kontakteinsätze/Contact inserts**Baugröße/Size 3****Crimpanschluss für gedrehte HVT Crimpkontakte****Kontaktzahlen
No. of contacts****Crimp terminal for screw machined HVT crimp contacts****8 + ****400 V/16 A****Bezeichnung
Description****Bestelltext
Designation****Bestell-Nr./Order No.
Stifteinsatz
Male insert****Buchseinsatz
Female insert**

Stifteinsatz/Male insert

Buchseinsatz/Female insert

Crimpanschluss/Crimp terminal



HVT.8.Sti.C

2-1104000-3

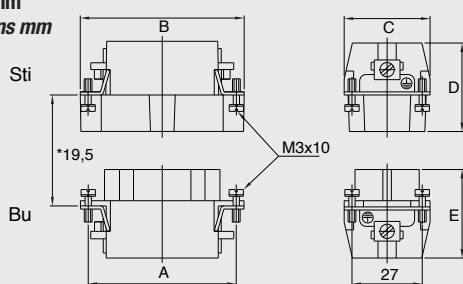


HVT.8.Bu.C

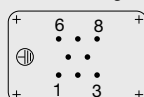
2-1104002-3

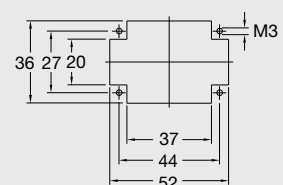
Maße/Dimensions	A	B	C	D	E
mm	44	51	33	35	40

Passende Crimpkontakte siehe Seite 38, Passende Crimpwerkzeuge siehe Seite 38
 Suitable Crimp contacts see page 38, Suitable Crimping tools see page 38

**Maßbild mm
Dimensions mm**

*Abstand für sichere Kontaktgabe max. 21 mm

**Kontaktanordnung Anschlußseite Stift
 Contact arrangement Male insert**

**Kontaktanordnung Anschlußseite Buchse
 Contact arrangement Female insert**

**Montageausschnitt
 Panel cut-out**


HD.16 Kontakteinsätze/Contact inserts

Crimpanschluss für gestanzte HD.M Crimpkontakte

Crimp terminal for stamped HD.M crimp contacts

Baugröße/Size 3

Kontaktzahlen
No. of contacts

16 + 

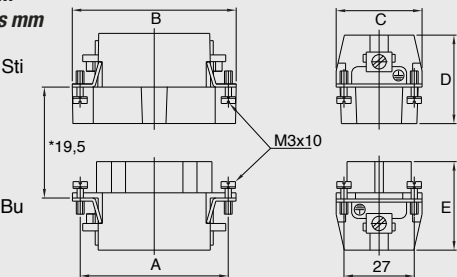
250 V/10 A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert	HD.16.Sti.C	2-1103006-3	2-1103007-3
Buchseinsatz/Female insert			
Crimpanschluss/Crimp terminal	HD.16.Bu.C		

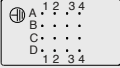
Passende Crimpkontakte siehe Seite 35, Passende Crimpwerkzeuge siehe Seite 35

Suitable Crimp contacts see page 35, Suitable Crimping tools see page 35

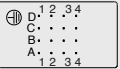
Maßbild mm
Dimensions mm



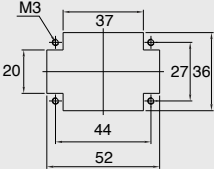
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



Verbindlich für Toleranzen der Abmessungen und technische Werte sind ausschließlich die neuesten TE Connectivity Kundenzeichnungen bzw. Produkt-Spezifikationen, die Sie auf Anfrage erhalten.
All specifications subject to change. Consult TE Connectivity for latest design specifications.

69

HN.2D.24 Kontakteinsätze/Contact inserts

Crimpanschluss für gedrehte HN.D Crimpkontakte

Crimp terminal for screw machined HN.D crimp contacts

Baugröße/Size 3

Kontaktzahlen
No. of contacts

24 + 

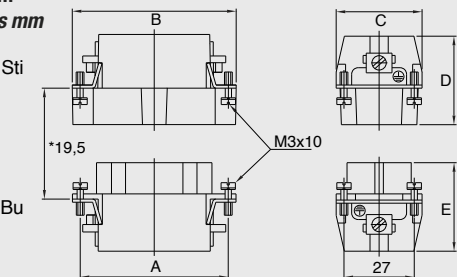
250 V/10 A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert	HN.2D.24.Sti.C	2-1103200-3	2-1103202-3
Buchseinsatz/Female insert			
Crimpanschluss/Crimp terminal	HN.2D.24.Bu.C		

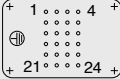
Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34

Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

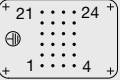
Maßbild mm
Dimensions mm



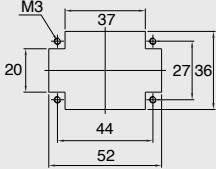
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



70

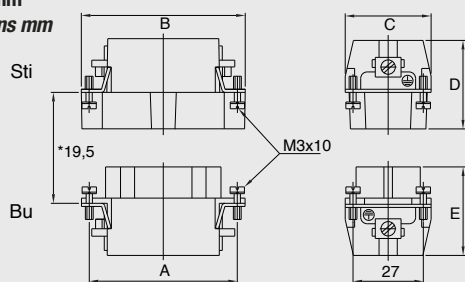
Verbindlich für Toleranzen der Abmessungen und technische Werte sind ausschließlich die neuesten TE Connectivity Kundenzeichnungen bzw. Produkt-Spezifikationen, die Sie auf Anfrage erhalten.
All specifications subject to change. Consult TE Connectivity for latest design specifications.

HSK 4+2 Kontakteinsätze/ <i>Contact inserts</i>		Baugröße/Size 3
Schraubanschluss		Kontaktzahlen No. of contacts
<i>Screw terminal</i>		4 + 2 + 
500V/40A + 400 V/16 A		

Bezeichnung Description		Bestelltext Designation	Bestell-Nr./Order No.	
Stifteinsatz/ <i>Male insert</i>	Buchseinsatz/ <i>Female insert</i>		Stifteinsatz <i>Male insert</i>	Buchseinsatz <i>Female insert</i>
Schraubanschluss/ <i>Screw termination</i>				
		HSK.4+2.Bu.S		0-1103084-1
		HSK.4+2.Sti.S	0-1103085-1	

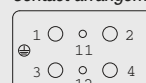
Maße/Dimensions	A	B	C	D	E
mm	44	55	34	36,5	37

Maßbild mm
Dimensions mm

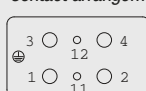


*Abstand für sichere Kontaktgabe max. 21 mm

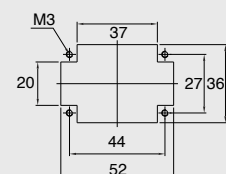
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



Modul Halterahmen/Module Fixing Frame

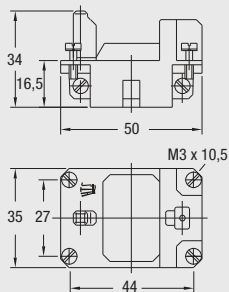
Baugröße/Size 3

Bezeichnung
DescriptionBestelltext
DesignationBestell-Nr./Order No.
Oberteil
Top partUnterteil
Bottom part

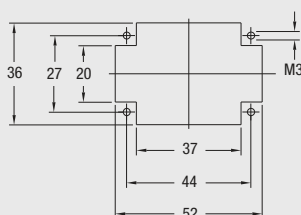
Halterahmen/Fixing frame



Für Modul MDL Seite 194–203
For module MDL page 194–203



Montageausschnitt/Panel cut-out

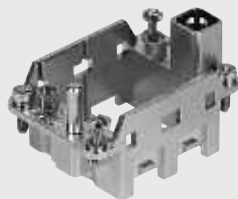


MDL2-GR.0/U-3

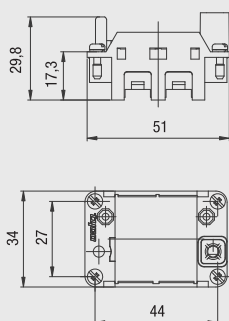
0-1108784-1

0-1108784-1

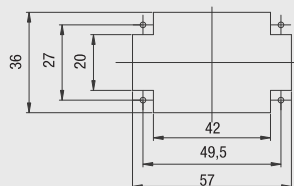
Halterahmen/Fixing frame



Für Modul HVS Seite 204–212
For module HVS page 204–212



Montageausschnitt/Panel cut-out



HVS-R.0 1-2
HVS-R.U 1-2

0-1103250-7

0-1103250-8

HB.6, HB-K.6, HD.16, HD-K.16 Gehäuse/*Housings*

Baugröße/Size 3

Pulverbeschichtet, silbergrau

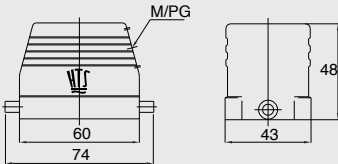
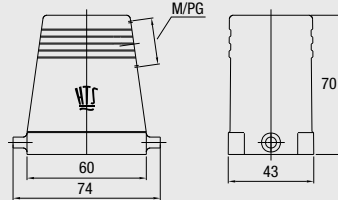
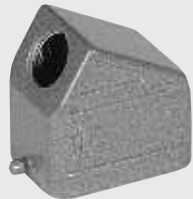
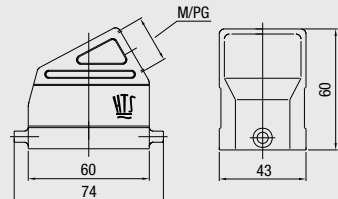
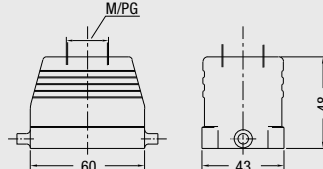
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Längsbügel am Unterteil/*Side clip at housing bottom*

IP 65

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction				
 	M16 M20 M25	16	HB.6.STS.1.16.G HB.6.STS.1.M16.G HB.6.STS.1.M20.G HB.6.STS.1.M25.G Mit Korrosionsschutz With corrosion protection	1-1102240-7 0-1106419-8 0-1106419-7 0-1106419-2
	M25	13 16	HB-K.6.STS.1.13.G HB-K.6.STS.1.16.G HB-K.6.STS.1.M25.G	0-1108573-5 2-1102240-7 0-1106419-4
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform Hood: Side entry, High construction				
 	M25 M32	21	HD.16.STS.1.21.G HD.16.STS.1.M25.G HD.16.STS.1.M32.G Mit Korrosionsschutz With corrosion protection	1-1102461-7 0-1102769-1 0-1106423-2
	M32	21	HD-K.16.STS.1.21.G HD-K.16.STS.1.M32.G	2-1102461-7 0-1106423-4
Steckergehäuse: Kabeleingang seitlich, Keilform Hood: Side entry, Standard construction				
 	M25	16	HB-KF.6.STS.1.16.G HB-KF.6.STS.1.M25.G Mit Korrosionsschutz With corrosion protection	1-1102205-7 0-1106420-1
	M25	16	HB-KF/K.6.STS.1.16.G HB-KF/K.6.STS.1.M25.G	2-1102205-7 0-1102899-1
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction				
 	M25	13 16	HB.6.STO.1.13.G HB.6.STO.1.16.G HB.6.STO.1.M25.G Mit Korrosionsschutz With corrosion protection	0-1102064-1 1-1102243-7 0-1106419-1
	M20 M25	16	HB-K.6.STO.1.16.G HB-K.6.STO.1.M20.G HB-K.6.STO.1.M25.G	2-1102243-7 0-1106423-9 0-1106419-3

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.6, HB-K.6, HD.16, HD-K.16 Gehäuse/Housings

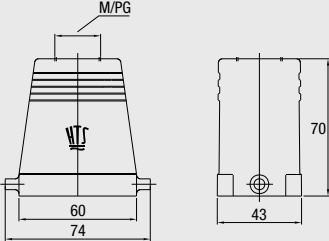
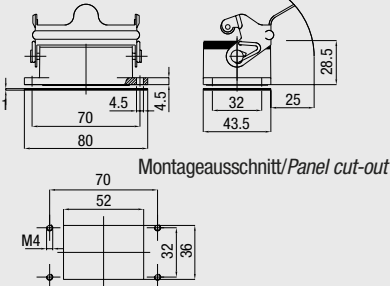
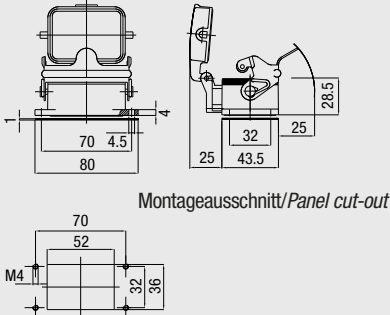
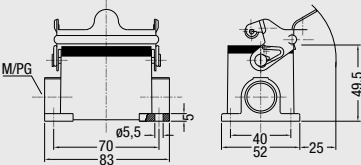
Baugröße/Size 3

Pulverbeschichtet, silbergrau/K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey/K = corrosion-resistant, black

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang oben, Hohe Bauform Hood: Top entry, High construction	M25 M32	29 21	HD.16.ST0.1.29.Z HD.16.ST0.1.21.G HD.16.ST0.1.M25.G HD.16.ST0.1.M32.G Mit Korrosionsschutz With corrosion protection	1-1102469-7 1-1102467-7 1-1106423-1 0-1106423-1
 	M32	21	HD-K.16.ST0.1.21.G HD-K.16.ST0.1.M32.G	2-1102467-7 0-1106423-3
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction			HB.6.AG-LB Mit Korrosionsschutz With corrosion protection	1-1102244-2
 			HB-K.6.AG-LB	2-1102244-2
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction			HB.6.AGD-LB Mit Korrosionsschutz With corrosion protection	1-1102246-2
 			HB-K.6.AGD-LB	2-1102246-2
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction	M25 2xM25	16 2x16	HB.6.SG-LB.1.16.Z HB.6.SG-LB.2.16.Z HB.6.SG-LB.1.M25.Z HB.6.SG-LB.2.M25.Z Mit Korrosionsschutz With corrosion protection	1-1102249-2 1-1102251-2 0-1103062-1 0-1106418-2
 	2xM25	16 2x16	HB-K.6.SG-LB.1.16.Z HB-K.6.SG-LB.2.16.Z HB-K.6.SG-LB.2.M25.Z	2-1102249-2 2-1102251-2 0-1106418-4

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.6, HB-K.6, HD.16, HD-K.16 Gehäuse/Housings

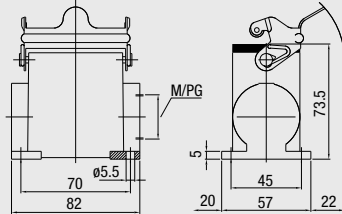
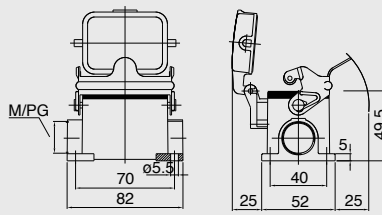
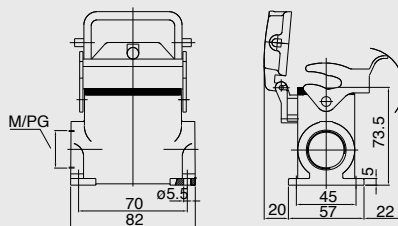
Baugröße/Size 3

Pulverbeschichtet, silbergrau/K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey/K = corrosion-resistant, black

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction  	2xM32	21 2x21	HD.16.SG-LB.1.21.Z HD.16.SG-LB.2.21.Z HD.16.SG-LB.2.M32.Z Mit Korrosionsschutz With corrosion protection	1-1102472-2 1-1102474-2 0-1106422-2
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction  	M16 M20 2xM25	16 2x16	HB.6.SGD-LB.1.16.Z HB.6.SGD-LB.2.16.Z HB.6.SGD-LB.1.M16.Z HB.6.SGD-LB.1.M20.Z HB.6.SGD-LB.2.M25.Z Mit Korrosionsschutz With corrosion protection	1-1102253-2 1-1102255-2 0-1102849-1 0-1102849-2 0-1106418-1
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction  	2xM32	21 2x21	HD.16.SGD-LB.1.21.Z HD.16.SGD-LB.2.21.Z HD.16.SGD-LB.2.M32.Z Mit Korrosionsschutz With corrosion protection	1-1102480-2 1-1102482-2 0-1106422-1
	2xM32	21 2x21	HD-K.16.SGD-LB.1.21.Z HD-K.16.SGD-LB.2.21.Z HD-K.16.SGD-LB.2.M32.Z	2-1102480-2 2-1102482-2 0-1106422-3

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.6, HB-K.6, HD.16, HD-K.16 Gehäuse/Housings

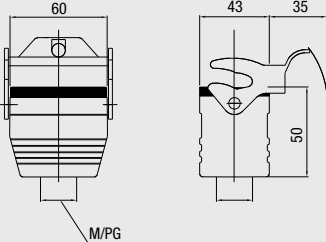
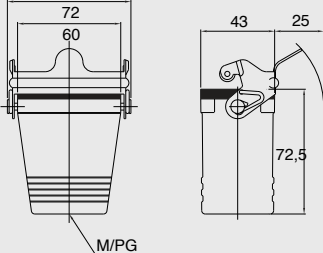
Baugröße/Size 3

Pulverbeschichtet, silbergrau/K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey/K = corrosion-resistant, black

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Kupplungsgehäuse: Kabeleingang unten, Standard Bauform Cable-to-cable hood: Bottom entry, Standard construction				
 	M25	16	HB.6.KDO-LB.1.16.G HB.6.KDO-LB.1.M25.G	1-1102258-2 0-1106417-1
			Mit Korrosionsschutz With corrosion protection	
	M25	16	HB-K.6.KDO-LB.1.16.G HB-K.6.KDO-LB.1.M25.G	2-1102258-2 0-1106417-2
Kupplungsgehäuse: Kabeleingang unten, Hohe Bauform Cable-to-cable hood: Bottom entry, High construction				
 	M32	13 21	HB.6.KDO-LB.1.13.G HD.16.KDO-LB.1.21.G HD.16.KDO-LB.1.M32.G	0-1102258-1 1-1102489-2 0-1106421-1
			Mit Korrosionsschutz With corrosion protection	
	M32	21	HD-K.16.KDO-LB.1.21.G HD-K.16.KDO-LB.1.M32.G	2-1102489-2 0-1106421-2

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB-Z.6, HB-K/Z.6, HD-Z.16, HD-K/Z.16 Gehäuse/Housings

Baugröße/Size 3

Pulverbeschichtet, silbergrau

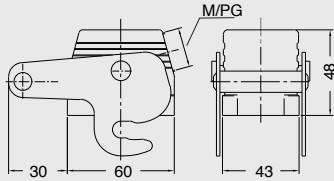
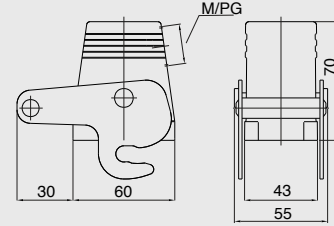
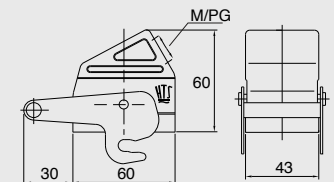
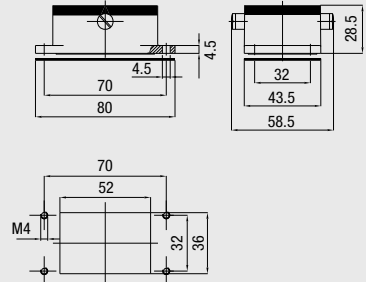
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Zentralbügel am Steckergehäuse/Central locking clip on hood

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction				
 	M25	16	HB-Z.6.STS-ZB.1.16.G HB-Z.6.STS-ZB.1.M25.G	1-1102240-3 0-1106419-6
			Mit Korrosionsschutz With corrosion protection	
	M25	16	HB-K/Z.6.STS-ZB.1.16.G HB-K/Z.6.STS-ZB.1.M25.G	2-1102240-3 0-1106419-5
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform Hood: Side entry, High construction				
 	M32	21	HD-Z.16.STS-ZB.1.21.G HD-Z.16.STS-ZB.1.M32.G	1-1102461-3 0-1106423-5
			Mit Korrosionsschutz With corrosion protection	
		21	HD-K/Z.16.STS-ZB.1.21.G	2-1102461-3
Steckergehäuse: Kabeleingang seitlich, Keilform Hood: Side entry, Standard construction				
 	M25	16	HB-KF-Z.6.STS-ZB.1.16.G HB-KF-Z.6.STS-ZB.1.M25.G	1-1102205-3 0-1106420-3
			Mit Korrosionsschutz With corrosion protection	
	M25	16	HB-KF/K-Z.6.STS-ZB.1.16.G HB-KF/K-Z.6.STS-ZB.1.M25.G	2-1102205-3 0-1106420-2
Anbaugeschäuse: Kabeleingang unten Surface mounted housing: Bottom entry				
 			HB-Z.6.AG-ZVGR	1-1102244-8
			Mit Korrosionsschutz With corrosion protection	
			HB-K/Z.6.AG-ZVGR	2-1102244-8

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB-Z.6, HB-K/Z.6, HD-Z.16, HD-K/Z.16 Gehäuse/Housings

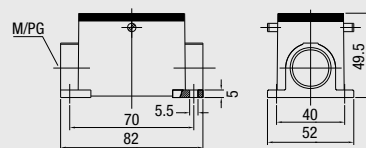
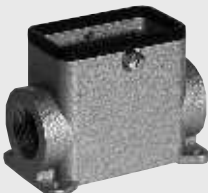
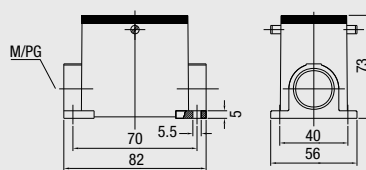
Baugröße/Size 3

Pulverbeschichtet, silbergrau/K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey/K = corrosion-resistant, black

Zentralbügel am Steckergehäuse/Central locking clip on hood

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction  	M25	16 2x16	HB-Z.6.SG-ZVGR.1.16.Z HB-Z.6.SG-ZVGR.2.16.Z HB-Z.6.SG-ZVGR.2.M25.Z Mit Korrosionsschutz With corrosion protection	1-1102249-8 1-1102251-8 0-1106418-6
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction  	2xM25	16 2x16	HB-K/Z.6.SG-ZVGR.1.16.Z HB-K/Z.6.SG-ZVGR.2.16.Z HB-K/Z.6.SG-ZVGR.2.M25.Z	2-1102249-8 2-1102251-8 0-1106418-5
	2xM32	21 2x21	HD-Z.16.SG-ZVGR.1.21.Z HD-Z.16.SG-ZVGR.2.21.Z HD-Z.16.SG-ZVGR.2.M32.Z Mit Korrosionsschutz With corrosion protection	1-1102472-8 1-1102474-8 0-1106422-5
	2xM32	21 2x21	HD-K/Z.16.SG-ZVGR.1.21.Z HD-K/Z.16.SG-ZVGR.2.21.Z HD-K/Z.16.SG-ZVGR.2.M32.Z	2-1102472-8 2-1102474-8 1-1106469-1

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HIP.6/16, HIP-K.6/16, EMV-K.6/16 Gehäuse/Housings

Baugröße/Size 3

HIP: Druckdicht, silbergrau, **HIP-K:** Korrosionsgeschützt, schwarz

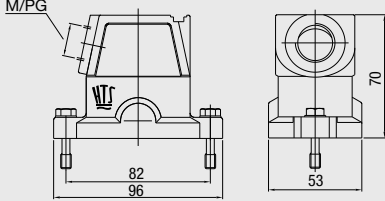
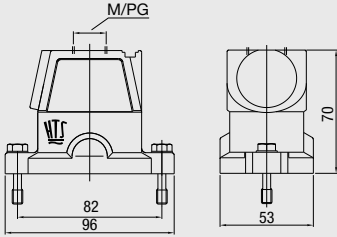
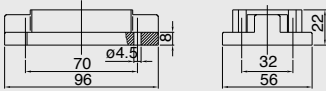
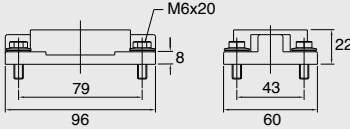
EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz

HIP: Pressure-tight, silver-grey, **HIP-K:** Housings corrosion-resistant, black

EMV-K: Protection against electro-magnetic interference, pressure-tight, housings corrosion-resistant, black

Schraubverriegelung am Oberteil/Screw lock on hood

IP 68

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich Hood: Side entry  	M25	16	HIP HIP.6/16.STS.1.16.G HIP.6/16.STS.1.M25.G	1-1102631-5 0-1106425-2
	M25	16 21	HIP-K HIP-K.6/16.STS.1.16.G HIP-K.6/16.STS.1.21.G HIP-K.6/16.STS.1.M25.G	2-1102631-5 2-1102633-5 0-1106425-4
	M25	16	EMV-K EMV-K.6/16.STS.1.16.G EMV-K.6/16.STS.1.M25.G	4-1102704-5 0-1106416-4
Steckergehäuse: Kabeleingang oben Hood: Top entry  	M32	16	HIP HIP.6/16.STO.1.16.G HIP.6/16.STO.1.M32.G	1-1102635-5 0-1106425-1
	M25 M32	16 21	HIP-K HIP-K.6/16.STO.1.16.G HIP-K.6/16.STO.1.21.G HIP-K.6/16.STO.1.M25.G HIP-K.6/16.STO.1.M32.G	2-1102635-5 2-1102637-5 0-1106425-6 0-1106425-3
	M32	13 16 21	EMV-K EMV-K.6/16.STO.1.13.G EMV-K.6/16.STO.1.16.G EMV-K.6/16.STO.1.21.G EMV-K.6/16.STO.1.M32.G	0-1108719-1 4-1102706-5 4-1102707-5 0-1106416-3
Anbaugehäuse: Kabeleingang unten Surface mounted housing: Bottom entry  			HIP HIP.6/16.AG	1-1102638-5
			HIP-K HIP-K.6/16.AG	2-1102638-5
			EMV-K EMV-K.6/16.AG	4-1102710-5
Anbaugehäuse: Kabeleingang unten Surface mounted housing: Bottom entry  			HIP HIP.6/16.AG.M6	1-1102606-5
			HIP-K HIP-K.6/16.AG.M6	2-1102606-5
			EMV-K EMV-K.6/16.AG.M6	4-1102712-5

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HIP.6/16, HIP-K.6/16, EMV-K.6/16 Gehäuse/Housings

Baugröße/Size 3

HIP: Druckdicht, silbergrau, **HIP-K:** Korrosionsgeschützt, schwarz

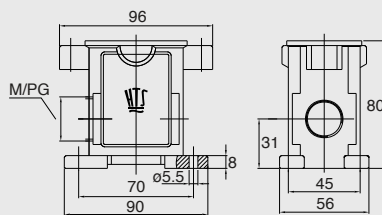
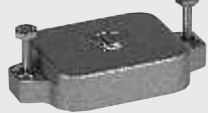
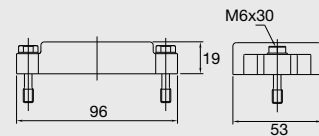
EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz

HIP: Pressure-tight, silver-grey, **HIP-K:** Housings corrosion-resistant, black

EMV-K: Protection against electro-magnetic interference, pressure-tight, housings corrosion-resistant, black

Schraubverriegelung am Oberteil/Screw lock on hood

IP 68

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Sockelgehäuse: Kabeleingang seitlich Surface mounted housing: Side entry				
 	2xM32	16 2x16	HIP HIP.6/16.SG.1.16.G HIP.6/16.SG.2.16.G HIP.6/16.SG.2.M32.G	1-1102604-5 1-1102605-5 0-1106424-1
	2xM25 2xM32	16 2x16	HIP-K HIP-K.6/16.SG.1.16.G HIP-K.6/16.SG.2.16.G HIP-K.6/16.SG.2.M25.G HIP-K.6/16.SG.2.M32.G	2-1102604-5 2-1102605-5 0-1102942-1 0-1106424-2
	2xM25 2xM32	16 2x16	EMV-K EMV-K.6/16.SG.1.16.G EMV-K.6/16.SG.2.16.G EMV-K.6/16.SG.2.M25.G EMV-K.6/16.SG.2.M32.G	5-1102708-5 5-1102709-5 0-1106413-3 0-1106415-2
Schutzkappe für Gehäuse-Unterteile Protective covers for housings				
 			HIP HIP/EMV.6/16.SKB	3-1106201-5
			HIP-K HIP-K/EMV-K.6/16.SKB	4-1106201-5
			EMV-K HIP-K/EMV-K.6/16.SKB	4-1106201-5

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HE.10 Kontakteinsätze/Contact inserts**Baugröße/Size 4**

Schraubanschluss, Federzug-Anschluss,
Crimpanschluss für gedrehte HE/HA Crimpkontakte

Kontaktzahlen
No. of contacts

*Screw terminal, Spring Clamp terminal,
Crimp terminal for screw machined HE/HA crimp contacts*

10 + 

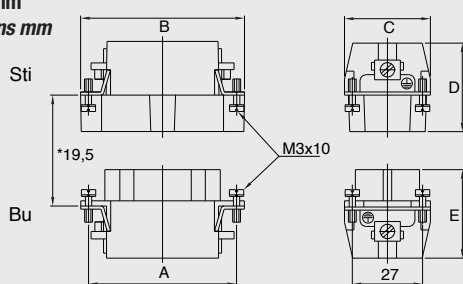
400 V/16 A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert			
Schraubanschluss/Screw terminal	HE.10.Sti.S	1-1103636-1	
	HE.10.Bu.S		1-1103637-1
Federzug-Anschluss/Spring Clamp terminal	HE.10.Sti.SC	7-1103636-1	
	HE.10.Bu.SC		7-1103637-1
Crimpanschluss/Crimp terminal	HE.10.Sti.C	2-1103636-3	
	HE.10.Bu.C		2-1103637-3

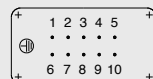
Maße/Dimensions	A	B	C	D	E
mm	57	63	33	34	35

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

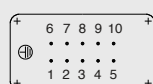
Maßbild mm
Dimensions mm



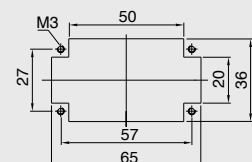
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HEE.18 Kontakteinsätze/Contact inserts**Baugröße/Size 4****Crimpanschluss für gedrehte HE Crimpkontakte****Kontaktzahlen****No. of contacts****Crimp terminal for screw machined HE crimp contacts****18 +** **500 V/16 A****Bezeichnung
Description****Bestelltext
Designation****Bestell-Nr./Order No.
Stifteinsatz
Male insert****Buchseinsatz
Female insert**

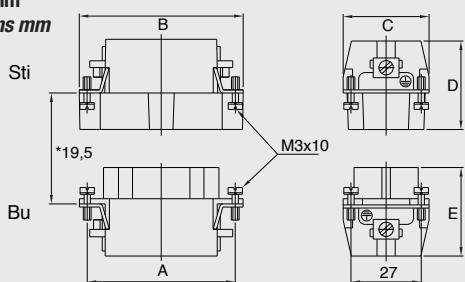
Stifteinsatz/Male insert

Buchseinsatz/Female insert

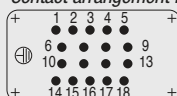
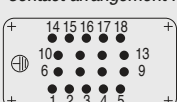
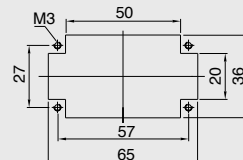
Crimpanschluss/Crimp terminal

HEE.18.Sti.C
HEE.18.Sti.C.FS*0-1102897-1
0-1102897-2HEE.18.Bu.C
HEE.18.Bu.C.FS*0-1102898-1
0-1102898-2*Kunststoff ist I2F1 qualifiziert nach NF-F 16-101, 102
Plastic is qualified I2F1 according NF-F 16-101, 102

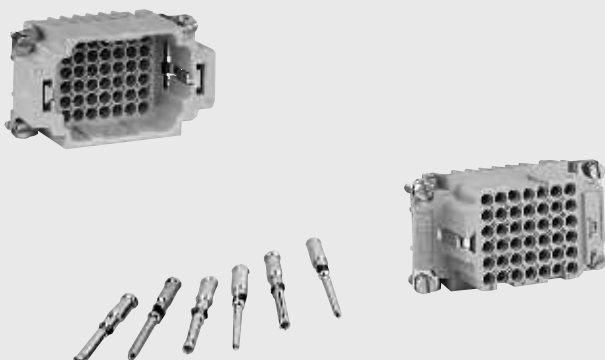
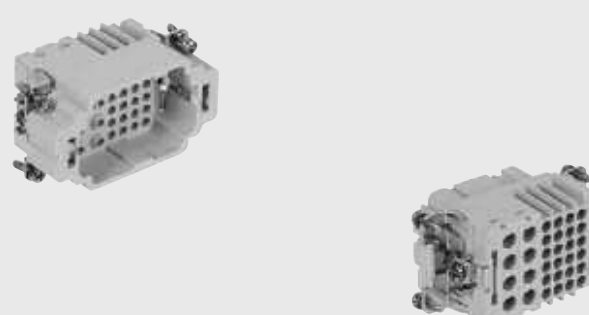
Maße/Dimensions	A	B	C	D	E
mm	57	63	33	34	37

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37**Maßbild mm
Dimensions mm**

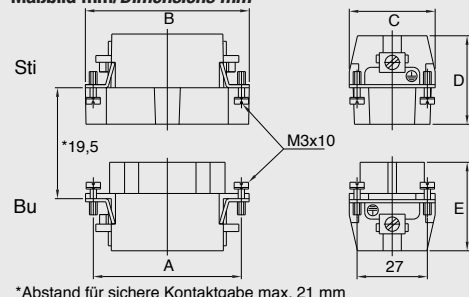
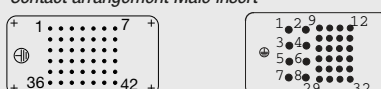
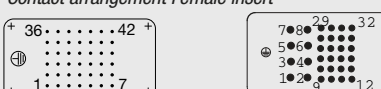
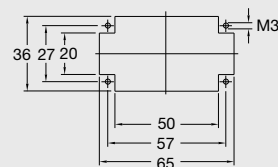
*Abstand für sichere Kontaktgabe max. 21 mm

**Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert****Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert****Montageausschnitt
Panel cut-out**

HN.2D.42; HMX8/24 Kontakteinsätze/Contact inserts**Baugröße/Size 4****Crimpanschluss für gedrehte HN.D/HE Crimpkontakte****Kontaktzahlen****No. of contacts****Crimp terminal for screw machined HN.D/HE crimp contacts****42; 8/24 + ****250 V/10 A; 400V/16A + 250V/10A**

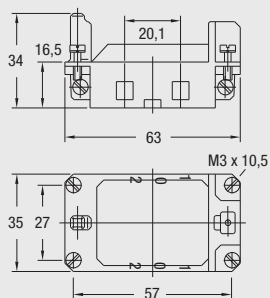
Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert Buchseinsatz/Female insert Crimpanschluss/Crimp terminal  Passende Crimpkontakte siehe Seite 34 Suitable Crimp contacts see page 34  Passende Crimpkontakte Power siehe Seite 37, passende Crimpkontakte Signal siehe Seite 34 Suitable Crimp contacts power see page 37, suitable Crimp contacts signal see page 34	HN.2D.42.Sti.C HN.2D.42.Bu.C HMX.8/24.Sti.C HMX.8/24.Bu.C	2-1103204-3 2-1103206-3 0-1103089-1 0-1103090-1	

Maße/Dimensions	A	B	C	D	E
mm	57	63	34	35,5	37

Maßbild mm/Dimensions mm**Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert****Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert****Montageausschnitt
Panel cut-out**

Modul Halterahmen/Module Fixing Frame**Baugröße/Size 4****Bezeichnung
Description****Halterahmen/Fixing frame**

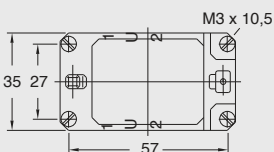
Für Modul MDL Seite 194–203
For module MDL page 194–203

**Bestelltext
Designation**

MDL2-GR.O-4/B.1-2

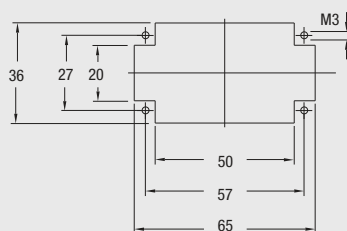
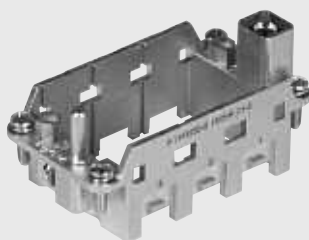
Bestell-Nr./Order No.
**Oberteil
Top part**
**Unterteil
Bottom part**

0-1108783-1

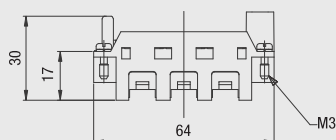


MDL2-GR.U-4/B.1-2

0-1108783-2

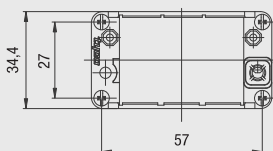
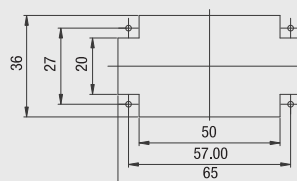
Montageausschnitt/Panel cut-out**Halterahmen/Fixing frame**

Für Modul HVS Seite 204–212
For module HVS page 204–212


HVS-R.O 1-3
HVS-R.U 1-3

0-1103250-5

0-1103250-6

**Montageausschnitt/Panel cut-out**

HB.10, HB-K.10, HD.24, HD-K.24 Gehäuse/Housings

Baugröße/Size 4

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Verschlussbügel am Unterteil/Locking clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction	M20 M25	16 21	HB.10.STS.1.16.G HB.10.STS.1.21.G HB.10.STS.1.M20.G HB.10.STS.1.M25.G Mit Korrosionsschutz With corrosion protection	1-1102261-6 1-1102264-6 2-1106430-4 0-1106430-4
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform Hood: Side entry, High construction	M25	16 21	HB-K.10.STS.1.16.G HB-K.10.STS.1.21.G HB-K.10.STS.1.M25.G	2-1102261-6 2-1102264-6 1-1106430-0
Steckergehäuse: Kabeleingang seitlich, Keilform Hood: Side entry, Standard construction	M32	21 29	HD.24.STS.1.21.G HD.24.STS.1.29.G HD.24.STS.1.M32.G Mit Korrosionsschutz With corrosion protection	1-1102496-6 1-1102499-6 0-1106434-4
Steckergehäuse: Kabeleingang seitlich, Keilform Hood: Side entry, Standard construction	M25	21 29	HD-K.24.STS.1.21.G HD-K.24.STS.1.29.G	2-1102496-6 2-1102499-6
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction	M25	16 21	HB-KF.10.STS.1.16.G HB-KF.10.STS.1.21.G HB-KF.10.STS.1.M25.G Mit Korrosionsschutz With corrosion protection	1-1102211-6 1-1102214-6 0-1106431-1
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction	M25	16 21	HB-KF/K.10.STS.1.16.G HB-KF/K.10.STS.1.21.G HB-KF/K.10.STS.1.M25.G	2-1102211-6 2-1102214-6 0-1106431-5
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction	M25	16 21	HB.10.STO.1.16.G HB.10.STO.1.21.G HB.10.STO.1.M25.G Mit Korrosionsschutz With corrosion protection	1-1102267-6 1-1102270-6 0-1106430-1
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction	M25	16 21	HB-K.10.STO.1.16.G HB-K.10.STO.1.21.G HB-K.10.STO.1.M25.G	2-1102267-6 2-1102270-6 0-1106430-7
Steckergehäuse: Kabeleingang oben, Hohe Bauform Hood: Top entry, High construction	M32	21 29	HD.24.STO.1.21.G HD.24.STO.1.29.G HD.24.STO.1.M32.G Mit Korrosionsschutz With corrosion protection	1-1102502-6 1-1102505-6 0-1106434-1
Steckergehäuse: Kabeleingang oben, Hohe Bauform Hood: Top entry, High construction	M32	21 29	HD-K.24.STO.1.21.G HD-K.24.STO.1.29.G HD-K.24.STO.1.M32.G	2-1102502-6 2-1102505-6 0-1106434-7

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.10, HB-K.10, HD.24, HD-K.24, Gehäuse/Housings

Baugröße/Size 4

Pulverbeschichtet, silbergrau

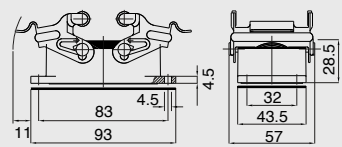
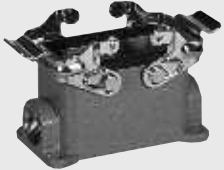
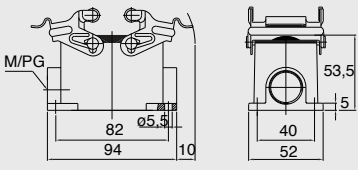
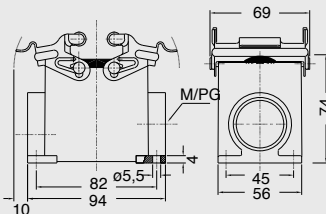
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Verschlussbügel am Unterteil/Locking clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction			HB.10.AG-VS Mit Korrosionsschutz With corrosion protection HB-K.10.AG-VS	1-1102271-1 2-1102271-1
 				
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction	M25 2xM25	16 2x16	HB.10.SG-VS.1.16.Z HB.10.SG-VS.2.16.Z HB.10.SG-VS.1.M25.Z HB.10.SG-VS.2.M25.Z Mit Korrosionsschutz With corrosion protection	1-1102274-1 1-1102276-1 0-1103059-1 0-1106429-4
 	2xM25	16 2x16	HB-K.10.SG-VS.1.16.Z HB-K.10.SG-VS.2.16.Z HB-K.10.SG-VS.2.M25.Z	2-1102274-1 2-1102276-1 0-1106429-8
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction		21 29 2x21 2x29	HD.24.SG-VS.1.21.Z HD.24.SG-VS.1.29.Z HD.24.SG-VS.2.21.Z HD.24.SG-VS.2.29.Z HD.24.SG-VS.2.M32.Z Mit Korrosionsschutz With corrosion protection	1-1102507-1 1-1102511-1 1-1102509-1 1-1102513-1 0-1106433-4
 	2xM32	21 29 2x21	HD-K.24.SG-VS.1.21.Z HD-K.24.SG-VS.1.29.Z HD-K.24.SG-VS.2.21.Z HD-K.24.SG-VS.2.M32.Z	2-1102507-1 2-1102511-1 2-1102509-1 0-1106433-8

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.10, HB-K.10, HD.24, HD-K.24, Gehäuse/Housings**Baugröße/Size 4**

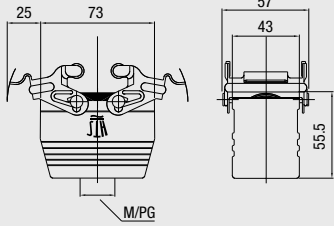
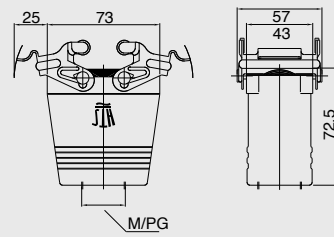
Pulverbeschichtet, silbergrau

K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Verschlussbügel am Unterteil/Locking clip at housing bottom**IP 65**

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Kupplungsgehäuse: Kabeleingang unten, Standard Bauform Cable-to-cable hood: Bottom entry, Standard construction				
 	M25	16 21	HB.10.KDO-VS.1.16.G HB.10.KDO-VS.1.21.G HB.10.KDO-VS.1.M25.G Mit Korrosionsschutz With corrosion protection	1-1102279-1 1-1102282-1 0-1106428-2
	M25	16	HB-K.10.KDO-VS.1.16.G HB-K.10.KDO-VS.1.M25.G	2-1102279-1 0-1106428-4
Kupplungsgehäuse: Kabeleingang unten, Hohe Bauform Cable-to-cable hood: Bottom entry, High construction				
 	M32		HD.24.KDO-VS.1.M32.G	0-1106432-2
	M32		Mit Korrosionsschutz With corrosion protection HD-K.24.KDO-VS.1.M32.G	0-1106432-4

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.10, HB-K.10, HD.24, HD-K.24, Gehäuse/Housings

Baugröße/Size 4

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Verschlussbügel am Oberteil/Locking clip at hood

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction	M25	16	HB.10.STS-VS.1.16.G HB.10.STS-VS.1.M25.G Mit Korrosionsschutz With corrosion protection	1-1102261-1 0-1106430-6
	M25	16	HB-K.10.STS-VS.1.16.G HB-K.10.STS-VS.1.M25.G	2-1102261-1 1-1106430-2
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform Hood: Side entry, High construction	M25 M32	21 29	HD.24.STS-VS.1.21.G HD.24.STS-VS.1.29.G HD.24.STS-VS.1.M25.G HD.24.STS-VS.1.M32.G Mit Korrosionsschutz With corrosion protection	1-1102496-1 1-1102499-1 1-1106434-5 0-1106434-3
Steckergehäuse: Kabeleingang seitlich, Keilform Hood: Side entry, Standard construction	M32	21 29	HD-K.24.STS-VS.1.21.G HD-K.24.STS-VS.1.29.G HD-K.24.STS-VS.1.M32.G	2-1102496-1 2-1102499-1 0-1106434-6
	M25	16	HB-KF.10.STS-VS.1.16.G HB-KF.10.STS-VS.1.M25.G Mit Korrosionsschutz With corrosion protection	1-1102211-1 0-1106431-3
	M25	16	HB-KF/K.10.STS-VS.1.16.G HB-KF/K.10.STS-VS.1.M25.G	2-1102211-1 0-1106431-7
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction	M25	16	HB.10.STO-VS.1.16.G HB.10.STO-VS.1.M25.G Mit Korrosionsschutz With corrosion protection	1-1102267-1 0-1106430-3
	M25	16	HB-K.10.STO-VS.1.16.G HB-K.10.STO-VS.1.M25.G	2-1102267-1 0-1106430-9
Steckergehäuse: Kabeleingang oben, Hohe Bauform Hood: Top entry, High construction	M32	29	HD.24.STO-VS.1.29.G HD.24.STO-VS.1.M32.G Mit Korrosionsschutz With corrosion protection	1-1102505-1 0-1106434-3
	M32	21 29	HD-K.24.STO-VS.1.21.G HD-K.24.STO-VS.1.29.G HD-K.24.STO-VS.1.M32.G	2-1102502-1 2-1102505-1 0-1106434-9

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.10, HB-K.10, HD.24, HD-K.24, Gehäuse/Housings

Baugröße/Size 4

Pulverbeschichtet, silbergrau

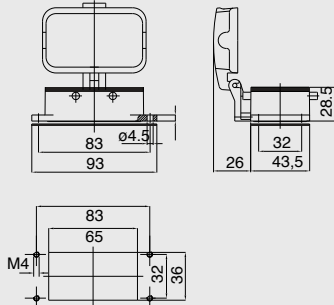
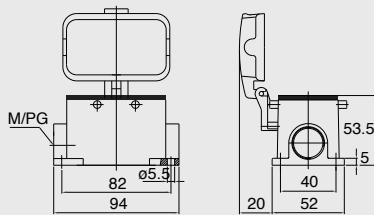
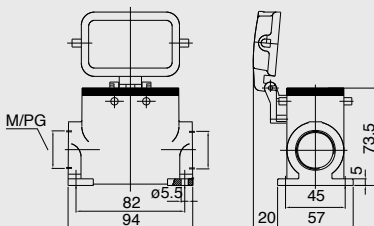
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Verschlussbügel am Oberteil/Locking clip at hood

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction			HB.10.AGD	1-1102283-6
 			Mit Korrosionsschutz With corrosion protection HB-K.10.AGD	2-1102283-6
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction			HB.10.SGD.1.16.Z	1-1102286-6
 	M25 2xM25	16 2x16	HB.10.SGD.2.16.Z HB.10.SGD.1.M25.Z HB.10.SGD.2.M25.Z	1-1102288-6 0-1103059-2 0-1106429-1
			Mit Korrosionsschutz With corrosion protection	
	2xM25	16	HB-K.10.SGD.1.16.Z HB-K.10.SGD.2.M25.Z	2-1102286-6 0-1106429-5
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction			HD.24.SGD.2.21.Z	1-1102523-6
 	2xM32	2x21	HD.24.SGD.2.M32.Z	0-1106433-1
			Mit Korrosionsschutz With corrosion protection	
	2xM32	2x29	HD-K.24.SGD.2.29.Z HD-K.24.SGD.2.M32.Z	2-1102527-6 0-1106433-5

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.10, HB-K.10, HD.24, HD-K.24, Gehäuse/Housings

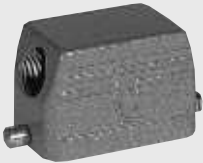
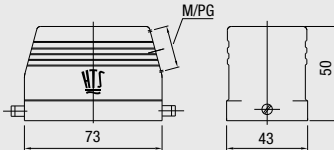
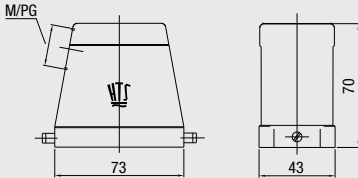
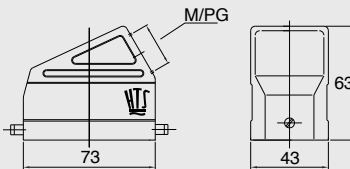
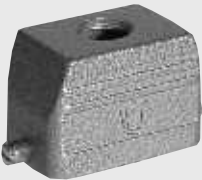
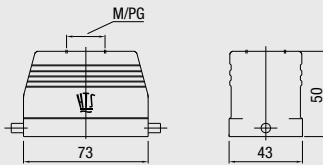
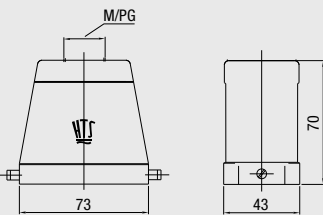
Baugröße/Size 4

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction				
	M25	16	HB.10.STS-GR.1.16.G HB.10.STS-GR.1.M25.G	1-1102261-7 0-1106430-5
			Mit Korrosionsschutz With corrosion protection	
	M25	16	HB-K.10.STS-GR.1.16.G HB-K.10.STS-GR.1.M25.G	2-1102261-7 1-1106430-1
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform Hood: Side entry, High construction				
	M32	29 21	HD.24.STS-GR.1.29.G HD.24.STS-GR.1.21.G HD.24.STS-GR.1.M32.G	1-1102499-7 1-1102496-7 0-1106434-5
			Mit Korrosionsschutz With corrosion protection	
	M32	21	HD-K.24.STS-GR.1.21.G HD-K.24.STS-GR.1.M32.G	2-1102496-7 1-1106434-1
Steckergehäuse: Kabeleingang seitlich, Keilform Hood: Side entry, Standard construction				
	M25	16	HB-KF.10.STS-GR.1.16.G HB-KF.10.STS-GR.1.M25.G	1-1102211-7 0-1106431-2
			Mit Korrosionsschutz With corrosion protection	
	M25	16	HB-KF/K.10.STS-GR.1.16.G HB-KF/K.10.STS-GR.1.M25.G	2-1102211-7 0-1106431-7
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction				
	M25	16	HB.10.STO-GR.1.16.G HB.10.STO-GR.1.M25.G	1-1102267-7 0-1106430-2
			Mit Korrosionsschutz With corrosion protection	
	M25	16	HB-K.10.STO-GR.1.16.G HB-K.10.STO-GR.1.M25.G	2-1102267-7 0-1106430-8
Steckergehäuse: Kabeleingang oben, Hohe Bauform Hood: Top entry, High construction				
	M32	21 29	HD.24.STO-GR.1.21.G HD.24.STO-GR.1.29.G HD.24.STO-GR.1.M32.G	1-1102502-7 1-1102505-7 0-1106434-2
			Mit Korrosionsschutz With corrosion protection	
	M32	29	HD-K.24.STO-GR.1.29.G HD-K.24.STO-GR.1.M32.G	2-1102505-7 0-1106434-8

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.10, HB-K.10, HD.24, HD-K.24, Gehäuse/Housings

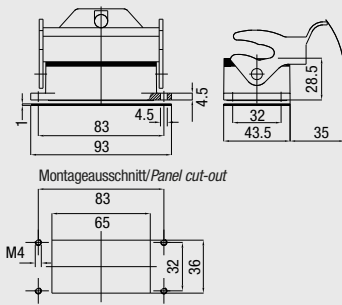
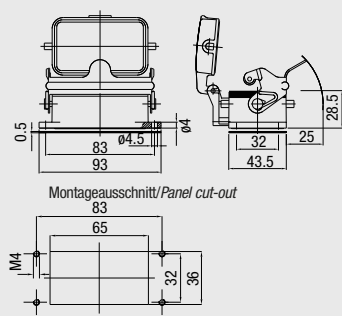
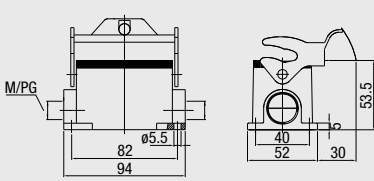
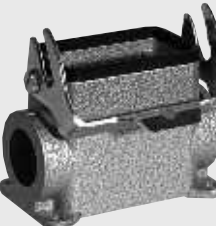
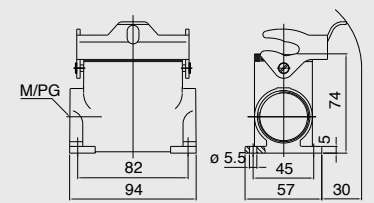
Baugröße/Size 4

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction			HB.10.AG-LB Mit Korrosionsschutz With corrosion protection HB-K.10.AG-LB	1-1102271-2 2-1102271-2
 				
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction			HB.10.AGD-LB Mit Korrosionsschutz With corrosion protection HB-K.10.AGD-LB	1-1102283-2 2-1102283-2
 				
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction		16 2x16	HB.10.SG-LB.1.16.Z HB.10.SG-LB.2.16.Z HB.10.SG-LB.2.M25.Z Mit Korrosionsschutz With corrosion protection	1-1102274-2 1-1102276-2 0-1106429-3
 	2xM25			
	2xM25	16	HB-K.10.SG-LB.1.16.Z HB-K.10.SG-LB.2.M25.Z	2-1102274-2 0-1106429-7
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction		21 2x21 29 2x29	HD.24.SG-LB.1.21.Z HD.24.SG-LB.2.21.Z HD.24.SG-LB.1.29.Z HD.24.SG-LB.2.29.Z HD.24.SG-LB.2.M32.Z Mit Korrosionsschutz With corrosion protection	1-1102507-2 1-1102509-2 1-1102511-2 1-1102513-2 0-1106433-3
 	2xM32			
	2xM32		HD-K.24.SG-LB.2.M32.Z	0-1106433-7

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.10, HB-K.10, HD.24, HD-K.24, Gehäuse/Housings

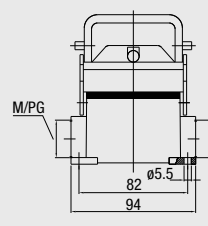
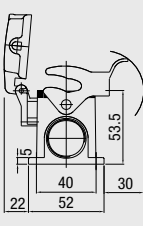
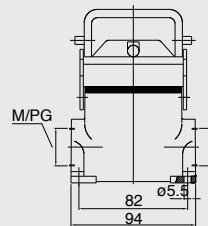
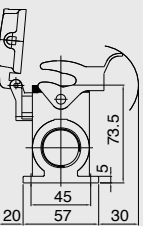
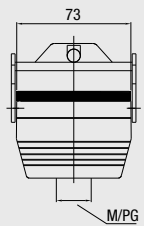
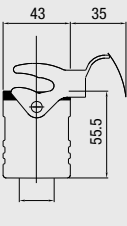
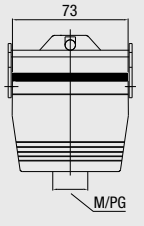
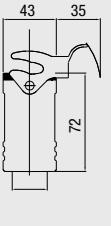
Baugröße/Size 4

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction	M25 2xM25	16 2x16	HB.10.SGD-LB.1.16.Z HB.10.SGD-LB.2.16.Z HB.10.SGD-LB.1.M25.Z HB.10.SGD-LB.2.M25.Z Mit Korrosionsschutz With corrosion protection	1-1102286-2 1-1102288-2 0-1103059-3 0-1106429-2
  		16 2x16	HB-K.10.SGD-LB.1.16.Z HB-K.10.SGD-LB.2.16.Z HB-K.10.SGD-LB.2.M25.Z	2-1102286-2 2-1102288-2 0-1106429-6
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction	2xM32	2x21 29 2x29	HD.24.SGD-LB.2.21.Z HD.24.SGD-LB.1.29.Z HD.24.SGD-LB.2.29.Z HD.24.SGD-LB.2.M32.Z Mit Korrosionsschutz With corrosion protection	1-1102523-2 1-1102525-2 1-1102527-2 0-1106433-2
  		21 29 2x29	HD-K.24.SGD-LB.1.21.Z HD-K.24.SGD-LB.1.29.Z HD-K.24.SGD-LB.2.29.Z HD-K.24.SGD-LB.2.M32.Z	2-1102521-2 2-1102525-2 2-1102527-2 0-1106433-6
Kupplungsgehäuse: Kabeleingang unten, Standard Bauform Cable-to-cable hood: Bottom entry, Standard construction	M25	16 21	HB.10.KDO-LB.1.16.G HB.10.KDO-LB.1.21.G HB.10.KDO-LB.1.M25.G	1-1102279-2 1-1102282-2 0-1106428-1
  		29	HD.24.KDO-LB.1.29.G HD.24.KDO-LB.1.M32.G Mit Korrosionsschutz With corrosion protection	1-1102519-2 0-1106432-1
Kupplungsgehäuse: Kabeleingang unten, Hohe Bauform Cable-to-cable hood: Bottom entry, High construction	M32	29	HD-K.24.KDO-LB.1.29.G HD-K.24.KDO-LB.1.M32.G	2-1102519-2 0-1106432-3
  	M32			

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

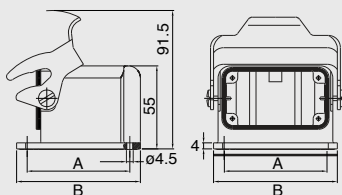
HM.10 Gehäuse/Housings**Baugröße/Size 4**

Pulverbeschichtet, silbergrau

K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

HM-10 Motoranschlußgehäuse/Motor connector**IP 65****Bezeichnung**
DescriptionHM-10 Motoranschlußgehäuse, Längsbügel am Gehäuse
HM-10 Motor Connector, Side clip at housing

A

B

Bestelltext
Designation**Bestell-Nr.**
Order No.

68,00

82,00

HM.10-82/82

8-1108772-2

73,00

85,00

HM.10-85/85

8-1108772-5

78,00

90,00

HM.10-90/90

8-1108772-0

80,00

94,00

HM.10-94/94

8-1108772-4

-

98,00

HM.10-98/98

8-1108772-8

HB-Z.10, HB-K/Z.10, HD-Z.24, HD-K/Z.24 Gehäuse/Housings

Baugröße/Size 4

Pulverbeschichtet, silbergrau

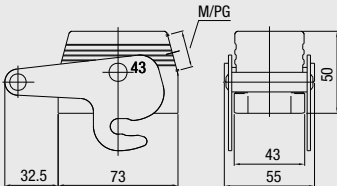
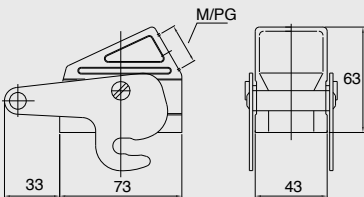
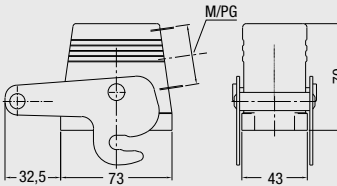
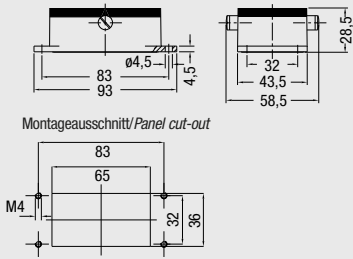
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Zentralbügel am Steckergehäuse/Central locking clip on hood

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction				
 	M25	16	HB-Z.10.STS-ZB.1.16.G HB-Z.10.STS-ZB.1.M25.G	1-1102261-3 1-1106430-6
			Mit Korrosionsschutz With corrosion protection	
	M25	16	HB-K/Z.10.STS-ZB.1.16.G HB-K/Z.10.STS-ZB.1.M25.G	2-1102261-3 1-1106430-4
Steckergehäuse: Kabeleingang seitlich, Keilform Hood: Side entry, Standard construction				
 	M25	16	HB-KF.10.STS-ZB.1.16.G HB-KF.10.STS-ZB.1.M25.G	1-1102211-3 0-1106431-4
			Mit Korrosionsschutz With corrosion protection	
	M25	16	HB-KF/K.10.STS-ZB.1.16.G HB-KF/K.10.STS-ZB.1.M25.G	2-1102211-3 0-1106431-8
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform Hood: Side entry, High construction				
 	M32	21 29	HD-Z.24.STS-ZB.1.21.G HD-Z.24.STS-ZB.1.29.G HD-Z.24.STS-ZB.1.M32.G	1-1102496-3 1-1102499-3 1-1106434-3
			Mit Korrosionsschutz With corrosion protection	
		21 29	HD-K/Z.24.STS-ZB.1.21.G HD-K/Z.24.STS-ZB.1.29.G	2-1102496-3 2-1102499-3
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction				
 			HB-Z.10.AG-ZVGR	1-1102271-8
			Mit Korrosionsschutz With corrosion protection	
			HB-K/Z.10.AG-ZVGR	2-1102271-8

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB-Z.10, HB-K/Z.10, HD-Z.24, HD-K/Z.24 Gehäuse/Housings

Baugröße/Size 4

Pulverbeschichtet, silbergrau

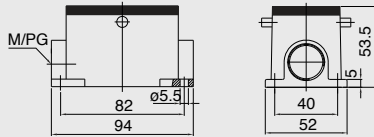
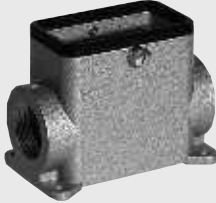
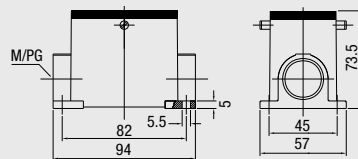
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Zentralbügel am Steckergehäuse/Central locking clip on hood

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction				
 	2xM25	16 2x16	HB-Z.10.SG-ZVGR.1.16.Z HB-Z.10.SG-ZVGR.2.16.Z HB-Z.10.SG-ZVGR.2.M25.Z Mit Korrosionsschutz With corrosion protection	1-1102274-8 1-1102276-8 1-1106429-0
	2xM25	16 2x16	HB-K/Z.10.SG-ZVGR.1.16.Z HB-K/Z.10.SG-ZVGR.2.16.Z HB-K/Z.10.SG-ZVGR.2.M25.Z	2-1102274-8 2-1102276-8 0-1106429-9
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction				
 	2xM32	29 2x29	HD-Z.24.SG-ZVGR.1.29.Z HD-Z.24.SG-ZVGR.2.29.Z HD-Z.24.SG-ZVGR.2.M32.Z Mit Korrosionsschutz With corrosion protection	1-1102511-8 1-1102513-8 1-1106434-4
	2xM32	29 2x29	HD-K/Z.24.SG-ZVGR.1.29.Z HD-K/Z.24.SG-ZVGR.2.29.Z HD-K/Z.24.SG-ZVGR.2.M32.Z	2-1102511-8 2-1102513-8 0-1106469-9

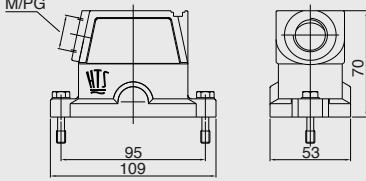
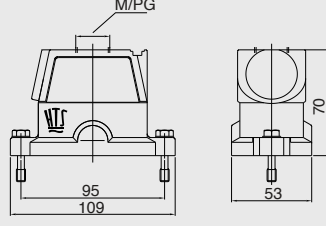
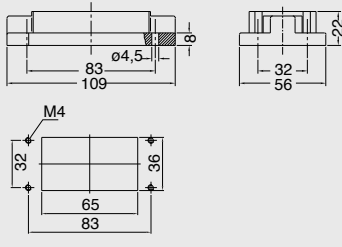
Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HIP.10/24, HIP-K.10/24, EMV-K.10/24 Gehäuse/Housings

Baugröße/Size 4

HIP: Druckdicht, silbergrau, **HIP-K:** Korrosionsgeschützt, schwarz**EMV-K:** Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz**HIP:** Pressure-tight, silver-grey, **HIP-K:** Housings corrosion-resistant, black**EMV-K:** Protection against electro-magnetic interference, pressure-tight, housings corrosion-resistant, blackDruckdicht bis ≤ 5 bar/pressure-tight up to 5 bar

IP 68

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich Hood: Side entry, Standard construction				
 	M25	16 21	HIP HIP.10/24.STS.1.16.G HIP.10/24.STS.1.21.G HIP.10/24.STS.1.M25.G	1-1102640-5 1-1102642-5 0-1106436-2
	M25 M32	21	HIP-K HIP-K.10/24.STS.1.21.G HIP-K.10/24.STS.1.M25.G HIP-K.10/24.STS.1.M32.G	2-1102642-5 0-1106436-4 0-1106436-6
	M25 M32	21	EMV-K EMV-K.10/24.STS.1.21.G EMV-K.10/24.STS.1.M25.G EMV-K.10/24.STS.1.M32.G	4-1102714-5 0-1106427-3 1-1106427-0
Steckergehäuse: Kabeleingang oben Hood: Top entry				
 	M25	16 21	HIP HIP.10/24.STO.1.16.G HIP.10/24.STO.1.21.G HIP.10/24.STO.1.M25.G	1-1102644-5 1-1102646-5 0-1106436-1
	M25 M32	16	HIP-K HIP-K.10/24.STO.1.16.G HIP-K.10/24.STO.1.M25.G HIP-K.10/24.STO.1.M32.G	2-1102644-5 0-1106436-3 0-1106436-5
	M25	21	EMV-K EMV-K.10/24.STO.1.21.G EMV-K.10/24.STO.1.M25.G	4-1102715-5 0-1106427-4
Anbaugehäuse: Kabeleingang unten Surface mounted housing: Bottom entry				
 			HIP HIP.10/24.AG	1-1102647-5
			HIP-K HIP-K.10/24.AG	2-1102647-5
			EMV-K EMV-K.10/24.AG	4-1102718-5

Montageausschnitt/Panel cut-out

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HIP.10/24, HIP-K.10/24, EMV-K.10/24 Gehäuse/Housings

Baugröße/Size 4

HIP: Druckdicht, silbergrau, **HIP-K:** Korrosionsgeschützt, schwarz

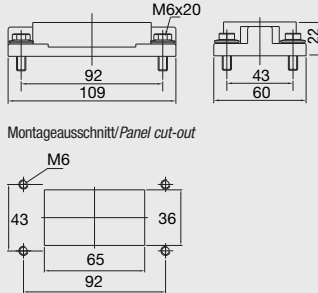
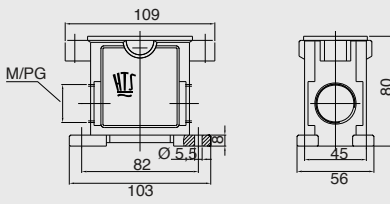
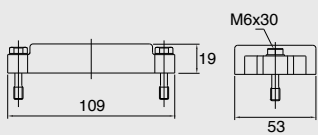
EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz

HIP: Pressure-tight, silver-grey, **HIP-K:** Housings corrosion-resistant, black

EMV-K: Protection against electro-magnetic interference, pressure-tight, housings corrosion-resistant, black

Druckdicht bis ≤ 5 bar/pressure-tight up to 5 bar

IP 68

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Anbaugehäuse: Kabeleingang unten Surface mounted housing: Bottom entry   Montageausschnitt/ Panel cut-out			HIP HIP.10/24.AG.M6 HIP-K HIP-K.10.AG.M6 EMV-K EMV-K.10/24.AG.M6	1-1102612-5 2-1102612-5 4-1102720-5
Sockelgehäuse: Kabeleingang seitlich Surface mounted housing: Side entry  	2xM32	21 2x21	HIP HIP.10/24.SG.1.21.G HIP.10/24.SG.2.21.G HIP.10/24.SG.2.M32.G	1-1102610-5 1-1102611-5 0-1106435-1
	2xM32	21 2x21	HIP-K HIP-K.10/24.SG.1.21.G HIP-K.10/24.SG.2.21.G	5-1102610-5 2-1102611-5
	2xM32	21 2x21	EMV-K EMV-K.10/24.SG.1.21.G EMV-K.10/24.SG.2.21.G EMV-K.10/24.SG.2.M32.G	5-1102716-5 4-1102717-5 0-1106426-2
Schutzkappe für Gehäuse-Unterteile Protective covers for hoods and housing  			HIP HIP/EMV.10/24.SKB HIP-K/EMV-K HIP-K/EMV-K.10/24.SKB	3-1106202-5 4-1106202-5

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HA.16 Kontakteinsätze/Contact inserts**Baugröße/Size 5**

Schraubanschluss, Federzug-Anschluss,
Crimpanschluss für gedrehte HE/HA Crimpkontakte

Kontaktzahlen
No. of contacts

*Screw terminal, Spring Clamp terminal,
Crimp terminal for screw machined HE/HA crimp contacts*

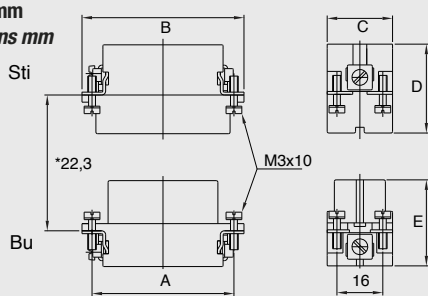
16 + 

250 V/16 A

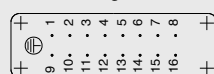
Bezeichnung Description						Bestelltext Designation	Bestell-Nr./Order No. Stifteinsatz Male insert	Bestell-Nr./Order No. Buchseinsatz Female insert		
Stifteinsatz/Male insert						Buchseinsatz/Female insert				
Schraubanschluss/Screw terminal										
						HA.16.Sti.S.B 1-16	1-1103416-1	1-1103417-1		
						HA.16.Bu.S.B 1-16				
Federzug-Anschluss/Spring Clamp terminal										
						HA.16.Sti.SC.B 1-16	7-1103416-1	7-1103417-1		
						HA.16.Bu.SC.B 1-16				
Crimpanschluss/Crimp terminal										
						HA.16.Sti.C.B 1-16	2-1103416-3	2-1103417-3		
						HA.16.Bu.C.B 1-16				
Maße/Dimensions										
mm										
						A	B	C	D	E
						66	73	23	31	28

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

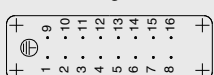
Maßbild mm
Dimensions mm



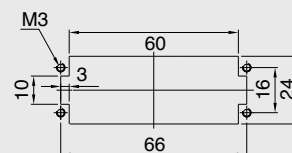
Anschlußseite Stift
Contact arrangement Male insert



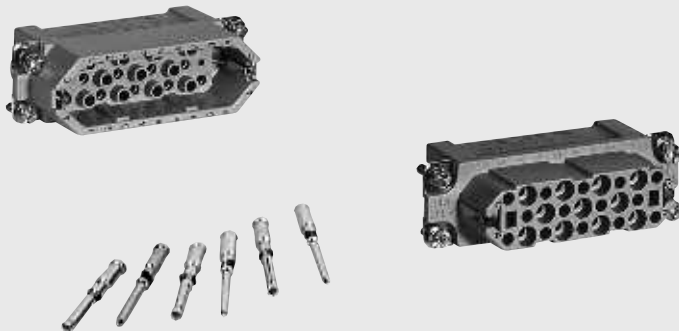
Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out

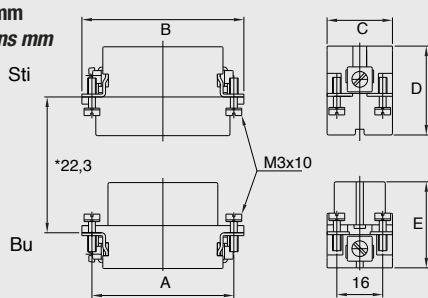


HN.D.25 Kontakteinsätze/Contact inserts**Baugröße/Size 5****Crimpanschluss für gedrehte HN.D Crimpkontakte****Kontaktzahlen
No. of contacts****Crimp terminal for screw machined HN.D crimp contacts****25 + ****250 V/10 A**

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./ Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/ Male insert			
Buchseinsatz/ Female insert			
Crimpanschluss/ Crimp terminal			
	HN.D.25.Sti.C HN.D.25.Sti.C.B.1-25/Z	2-1103108-3 0-1103108-1	
	HN.D.25.Bu.C HN.D.25.Bu.C.B.1-25/Z		2-1103109-3 0-1103109-1
*Zusätzliche Kennzeichnung „Z“ wie in Euromap 67 hinterlegt *Marked with „Z“ according Euromap 67			

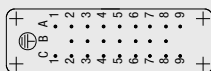
Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
 Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

Maßbild mm
 Dimensions mm

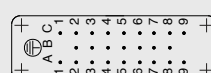


*Abstand für sichere Kontaktgabe max. 24 mm

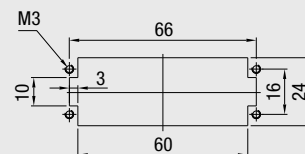
Anschlußseite Stift
 Contact arrangement Male insert



Anschlußseite Buchse
 Contact arrangement Female insert



Montageausschnitt
 Panel cut-out



HD.25 Kontakteinsätze/Contact inserts

Crimpanschluss für gestanzte HD.M Crimpkontakte

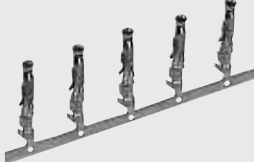
Crimp terminal for stamped HD.M crimp contacts

Baugröße/Size 5

Kontaktzahlen
No. of contacts

25 + 

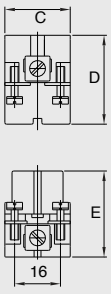
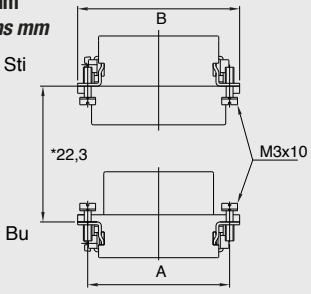
250 V/10 A

Bezeichnung Description		Bestelltext Designation	Bestell-Nr./Order No.	
			Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/ Male insert				
Buchseinsatz/ Female insert				
Crimpanschluss/ Crimp terminal				
		HD.25.Sti.C	2-1103010-3	
		HD.25.Bu.C		2-1103011-3
				

Passende Crimpkontakte siehe Seite 35, Passende Crimpwerkzeuge siehe Seite 35

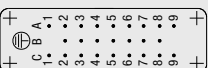
Suitable Crimp contacts see page 35, Suitable Crimping tools see page 35

Maßbild mm
Dimensions mm

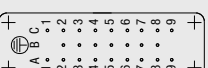


*Abstand für sichere Kontaktgabe max. 24 mm

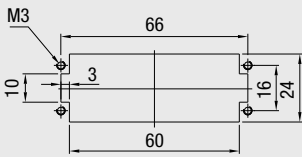
Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HA.16/HD.25 Gehäuse/Housings

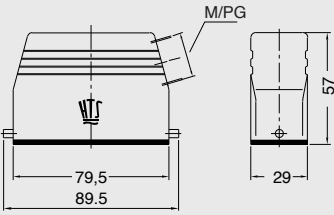
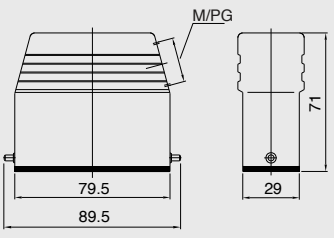
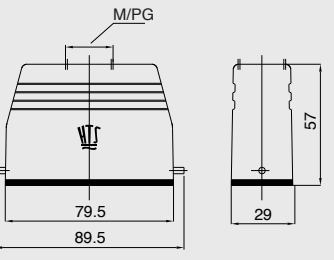
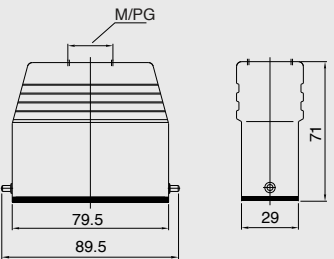
Baugröße/Size 5

Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich Hood: Side entry  	M20	16	HA.16.STS.1.16.G HA.16.STS.1.M20.G	1-1102136-7 0-1106439-2
Steckergehäuse: Kabeleingang seitlich Hood: Side entry  	M25	16 21	HD.25.STS.1.16.G HD.25.STS.1.21.G HD.25.STS.1.M25.G	1-1102530-7 1-1102533-7 0-1106442-2
Steckergehäuse: Kabeleingang oben, Hood: Top entry  	M20	16	HA.16.STO.1.16.G HA.16.STO.1.M20.G	1-1102139-7 0-1106439-1
Steckergehäuse: Kabeleingang oben, Hood: Top entry  	M25	16 21	HD.25.STO.1.16.G HD.25.STO.1.21.G HD.25.STO.1.M25.G	1-1102536-7 1-1102539-7 0-1106442-1

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HA.16/HD.25 Gehäuse/Housings

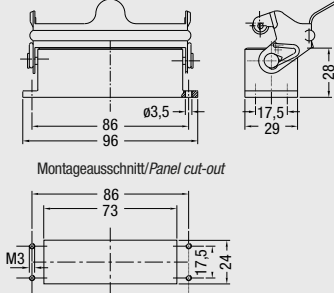
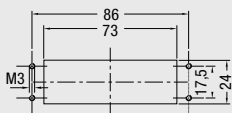
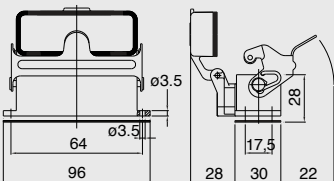
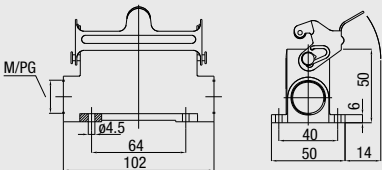
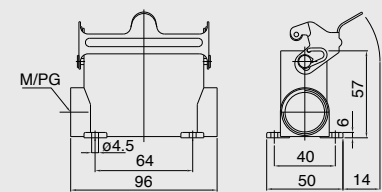
Baugröße/Size 5

Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Anbaugehäuse: Kabeleingang unten Surface mounted housing: Bottom entry   Montageausschnitt/Panel cut-out 			HA.16.AG-LB	1-1102140-2
Anbaugehäuse: Kabeleingang unten Surface mounted housing: Bottom entry  			HA.16.AGD-LB	1-1102141-2
Sockelgehäuse: Kabeleingang seitlich Surface mounted housing: Side entry  	M20 2xM20	16 2x16	HA.16.SG-LB.1.16 Z HA.16.SG-LB.2.16 Z HA.16.SG-LB.1.M20.Z HA.16.SG-LB.2.M20.Z	1-1102143-2 1-1102145-2 0-1106438-2 0-1103058-1
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction  	2xM25	16 2x16 21 2x21	HD.25.SG-LB.1.16 Z HD.25.SG-LB.2.16 Z HD.25.SG-LB.1.21 Z HD.25.SG-LB.2.21 Z HD.25.SG-LB.2.M25.Z	1-1102541-2 1-1102543-2 1-1102545-2 1-1102547-2 0-1106441-2

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HA.16/HD.25 Gehäuse/Housings

Baugröße/Size 5

Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction	M20 2xM20	16 2x16	HA.16.SGD-LB.1.16 Z HA.16.SGD-LB.2.16 Z HA.16.SGD-LB.1.M20.Z HA.16.SGD-LB.2.M20.Z	1-1102147-2 1-1102149-2 0-1106438-1 0-1103058-2
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction	2xM25	16 2x16 21 2x21	HD.25.SGD-LB.1.16 Z HD.25.SGD-LB.2.16 Z HD.25.SGD-LB.1.21 Z HD.25.SGD-LB.2.21.Z HD.25.SGD-LB.2.M25.Z	1-1102549-2 1-1102551-2 1-1102553-2 1-1102555-2 0-1106441-1
Kupplungsgehäuse: Kabeleingang unten, Standard Bauform Cable-to-cable hood: Bottom entry, Standard construction	M20	16	HA.16.KDO-LB.1.16 G HA.16.KDO-LB.1.M20.G	1-1102152-2 0-1106437-1
Kupplungsgehäuse: Kabeleingang unten, Hohe Bauform Cable-to-cable hood: Bottom entry, High construction	M25	21	HD.25.KDO-LB.1.21 G HD.25.KDO-LB.1.M25.G	1-1102561-2 0-1106440-1

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HE.16 Kontakteinsätze/Contact inserts**Baugröße/Size 6**

Schraubanschluss, Federzug-Anschluss,
Crimpanschluss für gedrehte HE/HA Crimpkontakte

Kontaktzahlen
No. of contacts

*Screw terminal, Spring Clamp terminal,
Crimp terminal for screw machined HE/HA crimp contacts*

16 + 

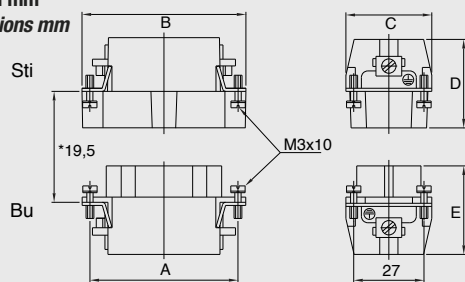
400 V/16 A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert			
Schraubanschluss/Screw terminal	HE.16.Sti.S.B 1-16	1-1103638-1	
	HE.16.Bu.S.B 1-16		1-1103639-1
Federzug-Anschluss/Spring Clamp terminal	HE.16.Sti.SC.B 1-16	7-1103638-1	
	HE.16.Bu.SC.B 1-16		7-1103639-1
Crimpanschluss/Crimp terminal	HE.16.Sti.C.B 1-16	2-1103638-3	
	HE.16.Bu.C.B 1-16		2-1103639-3

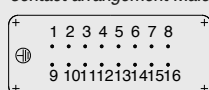
Maße/Dimensions	A	B	C	D	E
mm	77,5	83,5	33	34	35

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

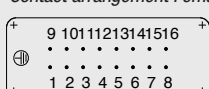
Maßbild mm
Dimensions mm



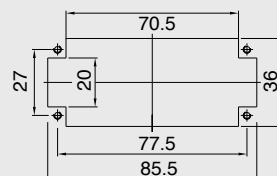
Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HEE.32 Kontakteinsätze/Contact inserts**Baugröße/Size 6****Crimpanschluss für gedrehte HE Crimpkontakte****Kontaktzahlen
No. of contacts****Crimp terminal for screw machined HE crimp contacts****32 + ****500 V/16 A****Bezeichnung
Description****Bestelltext
Designation**
Bestell-Nr./Order No.
Stifteinsatz
Male insert
Buchseinsatz
Female insert

Stifteinsatz/Male insert

Buchseinsatz/Female insert

Crimpanschluss/Crimp terminal


HEE.32.Sti.C
HEE.32.Sti.C.FS*

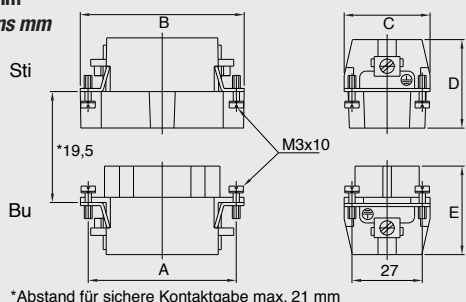
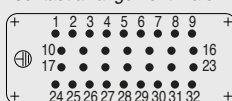
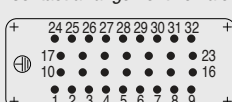
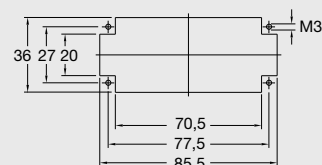
0-1102895-1
0-1102895-3

HEE.32.Bu.C
HEE.32.Bu.C.FS*

0-1102896-1
0-1102896-3

*Kunststoff ist I2F1 qualifiziert nach NF-F 16-101, 102
Plastic is qualified I2F1 according NF-F 16-101, 102

Maße/Dimensions	A	B	C	D	E
mm	77,5	83,5	33	34	37

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37
Maßbild mm
Dimensions mm

Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert

Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert

Montageausschnitt
Panel cut-out


HVT.23 Kontakteinsätze/Contact inserts

Crimpanschluss für gedrehte HVT Crimpkontakte

Crimp terminal for screw machined HVT crimp contacts

Baugröße/Size 6

Kontaktzahlen
No. of contacts

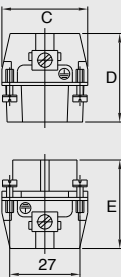
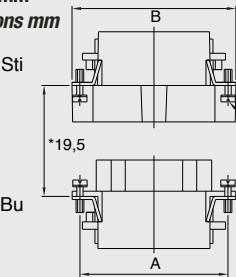
23 + 

400 V/16 A

Bezeichnung Description		Bestelltext Designation	Bestell-Nr./Order No. Stifteinsatz Male insert		Buchseinsatz Female insert												
Stifteinsatz/Male insert	Buchseinsatz/Female insert																
Crimpanschluss/Crimp terminal																	
		HVT.23.Sti.C	2-1104008-3														
		HVT.23.Bu.C			2-1104010-3												
<table><tr><td>Maße/Dimensions</td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td></tr><tr><td>mm</td><td>77,5</td><td>83,5</td><td>33</td><td>35</td><td>40</td></tr></table>		Maße/Dimensions	A	B	C	D	E	mm	77,5	83,5	33	35	40				
Maße/Dimensions	A	B	C	D	E												
mm	77,5	83,5	33	35	40												

Passende Crimpkontakte siehe Seite 38, Passende Crimpwerkzeuge siehe Seite 38
Suitable Crimp contacts see page 38, Suitable Crimping tools see page 38

Maßbild mm
Dimensions mm



Sti

Bu

*19,5

M3x10

A

B

C

D

E

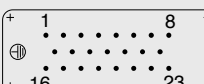
27

*Abstand für sichere Kontaktgabe max. 21 mm

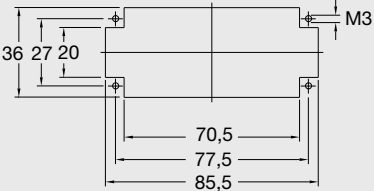
Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



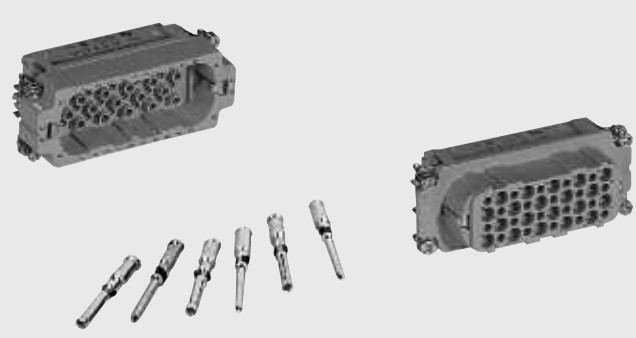
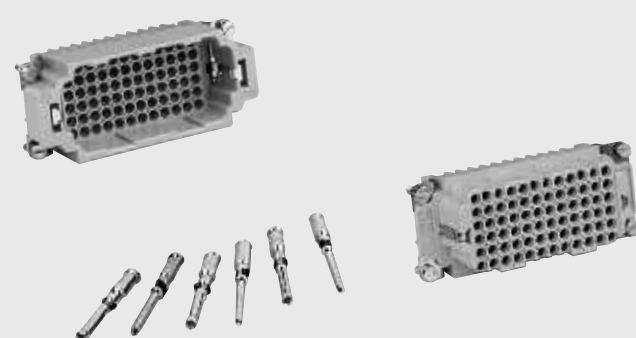
Montageausschnitt
Panel cut-out



108

Verbindlich für Toleranzen der Abmessungen und technische Werte sind ausschließlich die neuesten TE Connectivity Kundenzeichnungen bzw. Produkt-Spezifikationen, die Sie auf Anfrage erhalten.
All specifications subject to change. Consult TE Connectivity for latest design specifications.

HN.D.40/HN.2D.72 Kontakteinsätze/Contact inserts**Baugröße/Size 6****Crimpanschluss für gedrehte HN.D Crimpkontakte****Kontaktzahlen****No. of contacts****Crimp terminal for screw machined HN.D crimp contacts****40/72 + ****250 V/10 A**

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert Buchseinsatz/Female insert Crimpanschluss/Crimp terminal  Crimpanschluss/Crimp terminal 	HN.D.40.Sti.C HN.D.40.Bu.C HN.2D.72.Sti.C.B1-72 HN.2D.72.Bu.C.B1-72	2-1103110-3 2-1103111-3 2-1103208-3 2-1103212-3	

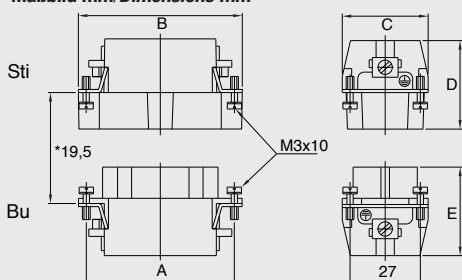
HN.D.40

Maße/Dimensions	A	B	C	D	E
mm	77,5	84,5	33	35	35

HN.2D.72

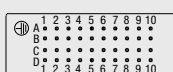
Maße/Dimensions	A	B	C	D	E
mm	77,5	83,5	34	36,5	37

Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
 Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

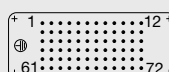
Maßbild mm/Dimensions mm

*Abstand für sichere Kontaktgabe max. 21 mm

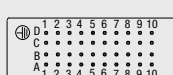
Anschlußseite Stift/Contact arrangement Male insert
 HN.D.40



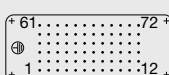
Anschlußseite Buchse/Contact arrangement Female insert
 HN.2D.72



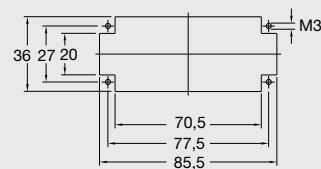
Anschlußseite Stift/Contact arrangement Male insert
 HN.D.40



Anschlußseite Buchse/Contact arrangement Female insert
 HN.2D.72



Montageausschnitt
 Panel cut-out



HD.40 Kontakteinsätze/Contact inserts

Crimpanschluss für gestanzte HD.M Crimpkontakte

Crimp terminal for stamped HD.M crimp contacts

Baugröße/Size 6

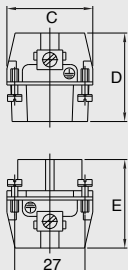
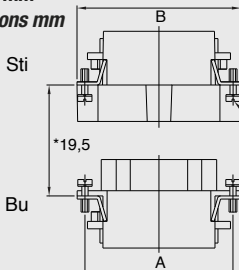
Kontaktzahlen
No. of contacts

40 + 

250 V/10 A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert			
Buchseinsatz/Female insert			
Crimpanschluss/Crimp terminal			
	HD.40.Sti.C	2-1103012-3	
	HD.40.Bu.C		2-1103013-3

Maßbild mm
Dimensions mm



Sti

Bu

*19,5

M3x10

A

B

C

D

E

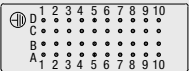
27

*Abstand für sichere Kontaktgabe max. 21 mm

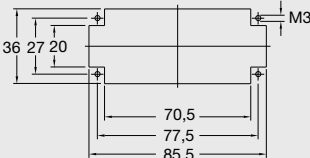
Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



110

Verbindlich für Toleranzen der Abmessungen und technische Werte sind ausschließlich die neuesten TE Connectivity Kundenzeichnungen bzw. Produkt-Spezifikationen, die Sie auf Anfrage erhalten.
All specifications subject to change. Consult TE Connectivity for latest design specifications.

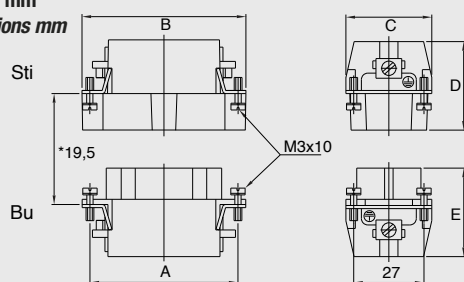
HSK.6+36 Kontakteinsätze/Contact inserts**Baugröße/Size 6****Crimpanschluss für gedrehte HSK/HN.D Crimpkontakte****Kontaktzahlen****No. of contacts****Crimp terminal for screw machined HSK/HN.D crimp contacts****6 + 36 + ****690 V/40 A, 250 V/10 A**

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert			
Buchseinsatz/Female insert			
Crimpanschluss/Crimp terminal			
	HSK.6/36.Sti.C	0-1108761-1	
	HSK.6/36.Bu.C		0-1108762-1

Maße/Dimensions	A	B	C	D	E
mm	77,5	83,5	34	39	41

Passende Crimpkontakte Power siehe Seite 39, passende Crimpkontakte Signal siehe Seite 34
 Suitable Crimp contacts Power see page 39, suitable Crimp contacts Signal see page 34

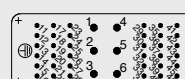
Maßbild mm
 Dimensions mm



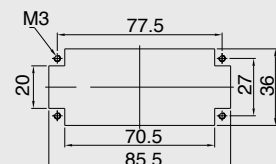
Anschlußseite Stift
 Contact arrangement Male insert



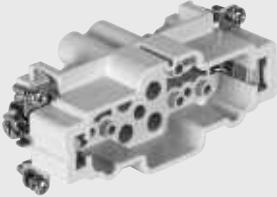
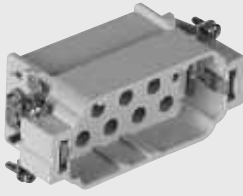
Anschlußseite Buchse
 Contact arrangement Female insert



Montageausschnitt
 Panel cut-out



HMX.6/12 + 12/2 Kontakteinsätze/Contact inserts**Baugröße/Size 6****Crimpanschluss für gedrehte HSK/HN.D Crimpkontakte****Kontaktzahlen****No. of contacts****Crimp terminal for screw machined HSK/HN.D crimp contacts****6/12; 12/2 + ****690 V/40 A, 400 V/10 A; 500 V/40 A, 250 V/10 A**

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert Buchseinsatz/Female insert Crimpanschluss/Crimp terminal    	HMX.6/12.Sti.C HMX.6/12.Bu.C HMX.12/2.Sti.C HMX.12/2.Bu.C	0-1103146-1 0-1103147-1 0-1103153-1 0-1103154-1	

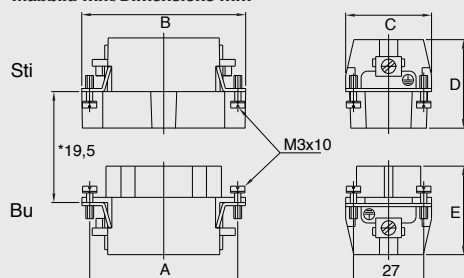
HMX.6/12

Maße/Dimensions	A	B	C	D	E
mm	77,5	84	35	39	38

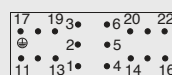
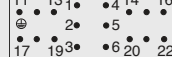
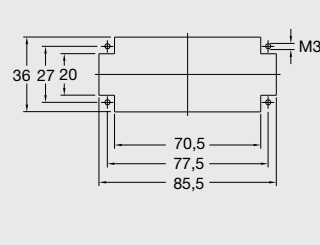
HMX.12/2

Maße/Dimensions	A	B	C	D	E
mm	77,5	84	34	39	38

Passende Crimpkontakte Power siehe Seite 39, passende Crimpkontakte Signal siehe Seite 34
 Suitable Crimp contacts Power see page 39, suitable Crimp contacts Signal see page 34

Maßbild mm/Dimensions mm

*Abstand für sichere Kontaktgabe max. 21 mm

Anschlußseite Stift**Contact arrangement Male insert****Anschlußseite Buchse****Contact arrangement Female insert****Montageausschnitt****Panel cut-out**

HSB.6/35; HMX4/2; HMX4/0 Kontakteinsätze/Contact inserts

Baugröße/Size 6

Schraubanschluss

Kontaktzahlen

No. of contacts

Screw terminal

6; 4/2; 4/0 + 

400 V/35 A; 690 V/80 A, 400 V/16 A; 690 V/80 A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert			
Buchseinsatz/Female insert			
Schraubanschluss/Screw terminal			
	HSB.6.35.Sti.S.B 1-6	1-1104204-1	
	HSB.6.35.Bu.S.B 1-6		1-1104205-1
Schraubanschluss/Screw terminal			
	HMX.4/2.Sti.S	0-1102075-1	
	HMX.4/0.Sti.S	0-1104701-1	
	HMX.4/2.Bu.S		0-1102076-1
	HMX.4/0.Bu.S		0-1104700-1

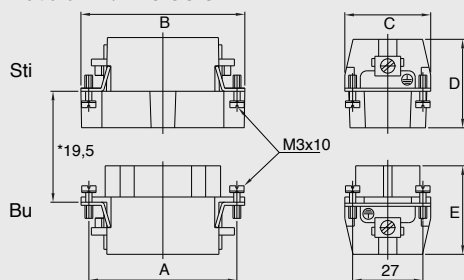
HSB.6/35

Maße/Dimensions	A	B	C	D	E
mm	77,5	83,5	33	33	33,5

HMX.4/2; HMX.4/2

Maße/Dimensions	A	B	C	D	E
mm	77,5	83	33	45	46

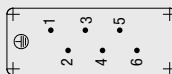
Maßbild mm/Dimensions mm



*Abstand für sichere Kontaktgabe max. 21 mm

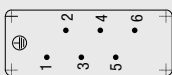
Anschlußseite Stift

Contact arrangement Male insert



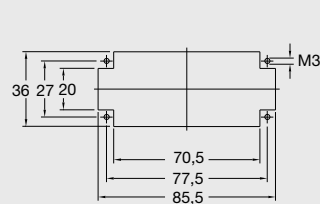
Anschlußseite Buchse

Contact arrangement Female insert



Montageausschnitt

Panel cut-out



Modul Halterahmen/Module Fixing Frame

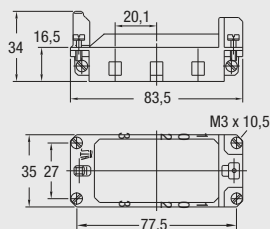
Baugröße/Size 6

Bezeichnung
Description

Halterahmen/Fixing frame

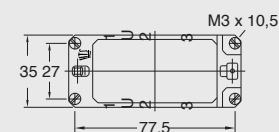


Für Modul MDL Seite 194–203
For module MDL page 194–203



MDL2-GR.0-6/B.1-3

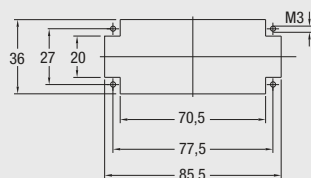
0-1108782-1



MDL2-GR.U-6/B.1-3

0-1108782-2

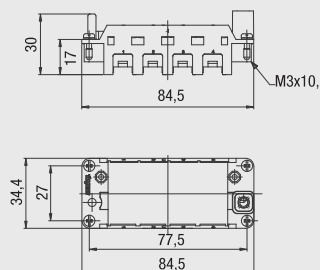
Montageausschnitt/Panel cut-out



Halterahmen/Fixing frame



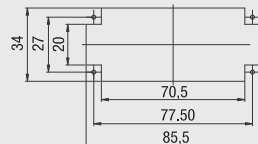
Für Modul HVS Seite 204–212
For module HVS page 204–212

HVS-R.0 1-4
HVS-R.u 1-4

0-1103250-3

0-1103250-4

Montageausschnitt/Panel cut-out



HB.16, HB-K.16, HD.40, HD-K.40 Gehäuse/Housings

Baugröße/Size 6

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Verschlussbügel am Unterteil/Locking clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction	M25 M32	21	HB.16.STS.1.21.G HB.16.STS.1M25.G HB.16.STS.1M32.G Mit Korrosionsschutz With corrosion protection	1-1102292-6 2-1106449-5 0-1106449-4
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform Hood: Side entry, High construction	M32	21	HB-K.16.STS.1.21.G HB-K.16.STS.1M32.G	2-1102292-6 1-1106449-0
Steckergehäuse: Kabeleingang seitlich, Keilform Hood: Side entry, Standard construction	M32	21 29	HD.40.STS.1.21.G HD.40.STS.1.29.G HD.40.STS.1.M32.G HD.40.STS.1.M40.G Mit Korrosionsschutz With corrosion protection	1-1102564-6 1-1102567-6 0-1106452-4 1-1106452-7
Steckergehäuse: Kabeleingang seitlich, Keilform Hood: Side entry, Standard construction	M32	21 29	HD-K.40.STS.1.21.G HD-K.40.STS.1.29.G HD-K.40.STS.1.M32.G	2-1102564-6 2-1102567-6 1-1106452-0
Steckergehäuse: Kabeleingang seitlich, Keilform Hood: Side entry, Standard construction	M32	21	HB-KF.16.STS.1.21.G HB-KF.16.STS.1.M32.G Mit Korrosionsschutz With corrosion protection	1-1102220-6 1-1106449-5
Steckergehäuse: Kabeleingang seitlich, Keilform Hood: Side entry, Standard construction	M32	21	HB-KF/K.16.STS.1.21.G HB-KF/K.16.STS.1.M32.G	2-1102220-6 1-1106449-8
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction	M40	29	HD-KF.40.STS.1.29.G HD-KF.40.STS.1.M40.G Mit Korrosionsschutz With corrosion protection	1-1102765-0 1-1102766-0
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction	M40	29	HD-KF/K.40.STS.1.29.G HD-KF/K.40.STS.1.M40.G	2-1102765-0 2-1102766-0
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction	M32	21	HB.16.STO.1.21.G HB.16.STO.1M32.G Mit Korrosionsschutz With corrosion protection	1-1102295-6 0-1106449-1
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction	M32	21	HB-K.16.STO.1.21.G HB-K.16.STO.1M32.G	2-1102295-6 0-1106449-7

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.16, HB-K.16, HD.40, HD-K.40 Gehäuse/Housings

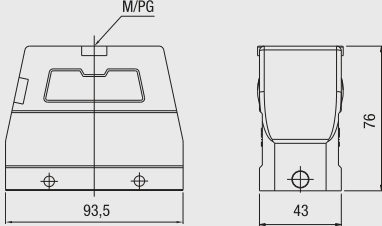
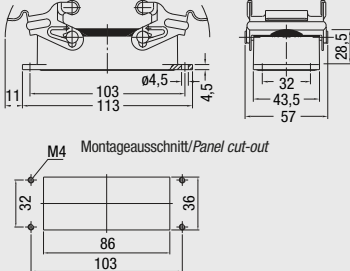
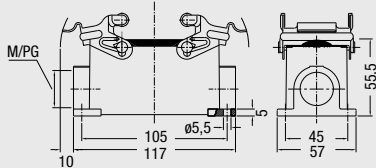
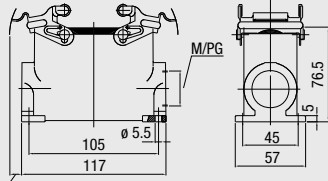
Baugröße/Size 6

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Verschlussbügel am Unterteil/Locking clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang oben, Hohe Bauform Hood: Top entry, High construction	M32 M40	2x21 21 29	HD.40.STO.2.21.G HD.40.STO.1.21.G HD.40.STO.1.29.G HD.40.STO.1.M32.G HD.40.STO.1.M40.G	3-1102570-0 1-1102570-6 1-1102573-6 0-1106452-1 0-1102920-1
 		21 29	Mit Korrosionsschutz With corrosion protection HD-K.40.STO.1.21.G HD-K.40.STO.1.29.G HD-K.40.STO.1.M32.G	2-1102570-6 2-1102573-6 0-1106452-7
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction	M32			
 			HB.16.AG-VS Mit Korrosionsschutz With corrosion protection HB-K.16.AG-VS	1-1102296-1 2-1102296-1
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction	M25 2xM25	21 2x21	HB.16.SG-VS.1.21.Z HB.16.SG-VS.2.21.Z HB.16.SG-VS.1.M25.Z HB.16.SG-VS.2.M25.Z	1-1102299-1 1-1102301-1 0-1103060-1 0-1106448-4
 		21 2x21	Mit Korrosionsschutz With corrosion protection HB-K.16.SG-VS.1.21.Z HB-K.16.SG-VS.2.21.Z HB-K.16.SG-VS.1.M25.Z HB-K.16.SG-VS.2.M25.Z	2-1102299-1 2-1102301-1 1-1106448-2 0-1106448-9
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction	M32 2xM32	21 2x21 29 2x29	HD.40.SG-VS.1.21.Z HD.40.SG-VS.2.21.Z HD.40.SG-VS.1.29.Z HD.40.SG-VS.2.29.Z HD.40.SG-VS.1.M32.Z HD.40.SG-VS.2.M32.Z	1-1102575-1 1-1102577-1 1-1102579-1 1-1102581-1 0-1103082-1 0-1106451-4
 		21 2x21 29	Mit Korrosionsschutz With corrosion protection HD-K.40.SG-VS.1.21.Z HD-K.40.SG-VS.2.21.Z HD-K.40.SG-VS.1.29.Z HD-K.40.SG-VS.2.M32.Z	2-1102575-1 2-1102577-1 2-1102579-1 0-1106451-8

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.16, HB-K.16, HD.40, HD-K.40 Gehäuse/Housings**Baugröße/Size 6**

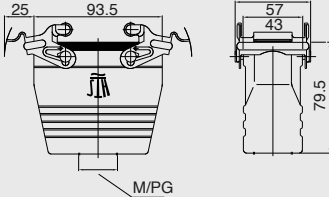
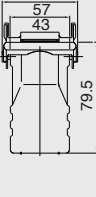
Pulverbeschichtet, silbergrau

K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Verschlussbügel am Unterteil/Locking clip at housing bottom**IP 65**

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Kupplungsgehäuse: Kabeleingang unten, Hohe Bauform Cable-to-cable hood: Bottom entry, High construction				
  	M32	21 29	HD.40.KDO-VS.1.21.G HD.40.KDO-VS.1.29 G HD.40.KDO-VS.1.M32.G Mit Korrosionsschutz With corrosion protection	1-1102584-1 1-1102587-1 0-1106450-2
	M32	29	HD-K.40.KDO-VS.1.29 G HD-K.40.KDO-VS.1.M32.G	2-1102587-1 0-1106450-4

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.16, HB-K.16, HD.40, HD-K.40 Gehäuse/Housings

Baugröße/Size 6

Pulverbeschichtet, silbergrau

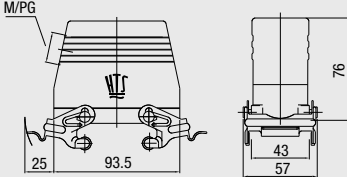
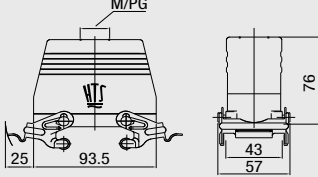
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Verschlussbügel am Oberteil/Locking clip on hood

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform Hood: Side entry, High construction				
 	M32	21 29	HD.40.STS-VS.1.21.G HD.40.STS-VS.1.29.G HD.40.STS-VS.1.M32.G Mit Korrosionsschutz With corrosion protection	1-1102564-1 1-1102567-1 0-1106452-6
Steckergehäuse: Kabeleingang oben, Hohe Bauform Hood: Top entry, High construction				
 	M32	21 29	HD.40.STO-VS.1.21.G HD.40.STO-VS.1.29.G HD.40.STO-VS.1.M32.G Mit Korrosionsschutz With corrosion protection	1-1102570-1 1-1102573-1 0-1106452-3
	M32	21	HD-K.40.STO-VS.1.21.G HD-K.40.STO-VS.1.M32.G	2-1102570-1 0-1106452-9

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.16, HB-K.16, HD.40, HD-K.40 Gehäuse/Housings

Baugröße/Size 6

Pulverbeschichtet, silbergrau

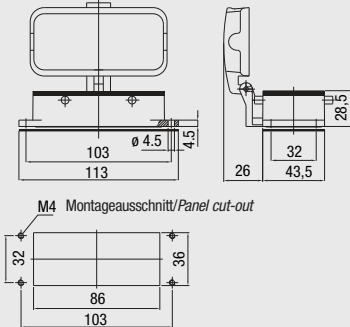
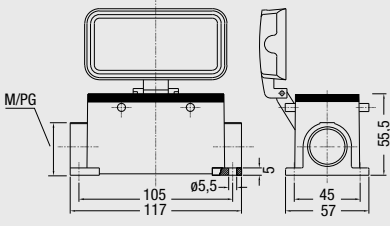
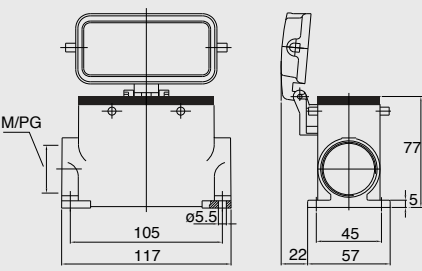
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Verschlussbügel am Oberteil/Locking clip on hood

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction			HB.16.AGD Mit Korrosionsschutz With corrosion protection HB-K.16.AGD	1-1102305-6 2-1102305-6
 				
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction	M25 2xM25	21 2x21	HB.16.SGD.1.21.Z HB.16.SGD.2.21.Z HB.16.SGD.1.M25.Z HB.16.SGD.2.M25.Z Mit Korrosionsschutz With corrosion protection	1-1102308-6 1-1102310-6 0-1103060-2 0-1106448-1
 	2xM25	21 2x21	HB-K.16.SGD.1.21.Z HB-K.16.SGD.2.21.Z HB-K.16.SGD.2.M25.Z	2-1102308-6 2-1102310-6 0-1106448-5
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction		21 2x21 29 2x29	HD.40.SGD.1.21.Z HD.40.SGD.2.21.Z HD.40.SGD.1.29.Z HD.40.SGD.2.29.Z HD.40.SGD.2.M32.Z Mit Korrosionsschutz With corrosion protection	1-1102589-6 1-1102591-6 1-1102593-6 1-1102595-6 0-1106451-1
 	2xM32	21 2x21	HD-K.40.SGD.1.21.Z HD-K.40.SGD.2.21.Z HD-K.40.SGD.2.M32.Z	2-1102589-6 2-1102591-6 0-1106451-5

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.16, HB-K.16, HD.40, HD-K.40 Gehäuse/Housings

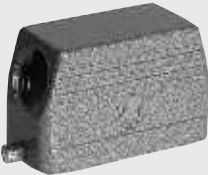
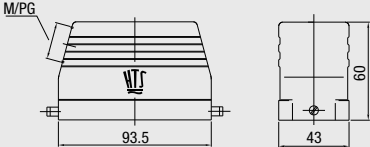
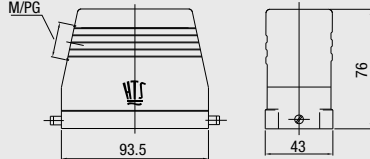
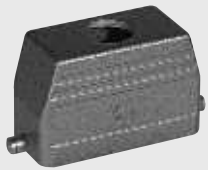
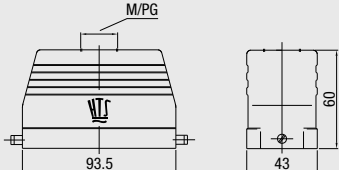
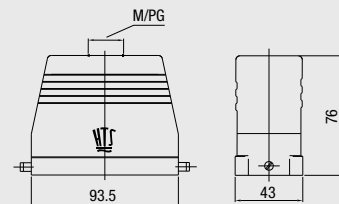
Baugröße/Size 6

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction				
 	M32	21	HB.16.STS-GR.1.21.G HB.16.STS-GR.1.M32.G Mit Korrosionsschutz With corrosion protection	1-1102292-7 0-1106449-5
	M32	21	HB-K.16.STS-GR.1.21.G HB-K.16.STS-GR.1.M32.G	2-1102292-7 1-1106449-1
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform Hood: Side entry, High construction				
 	M32	21 29	HD.40.STS-GR.1.21.G HD.40.STS-GR.1.29.G HD.40.STS-GR.1.M32.G Mit Korrosionsschutz With corrosion protection	1-1102564-7 1-1102567-7 0-1106452-5
	M32	21 29	HD-K.40.STS-GR.1.21.G HD-K.40.STS-GR.1.29.G HD-K.40.STS-GR.1.M32.G	2-1102564-7 2-1102567-7 1-1106452-1
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction				
 	M32	21	HB.16.STO-GR.1.21.G HB.16.STO-GR.1.M32.G Mit Korrosionsschutz With corrosion protection	1-1102295-7 0-1106449-2
	M32	21	HB-K.16.STO-GR.1.21.G HB-K.16.STO-GR.1.M32.G	2-1102295-7 0-1106449-8
Steckergehäuse: Kabeleingang oben, Hohe Bauform Hood: Top entry, High construction				
 	M32	21 29	HD.40.STO-GR.1.21.G HD.40.STO-GR.1.29.G HD.40.STO-GR.1.M32.G Mit Korrosionsschutz With corrosion protection	1-1102570-7 1-1102573-7 0-1106452-2
	M32	21	HD-K.40.STO-GR.1.21.G HD-K.40.STO-GR.1.M32.G	2-1102570-7 0-1106452-8

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.16, HB-K.16, HD.40, HD-K.40 Gehäuse/Housings

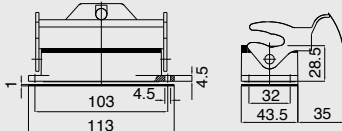
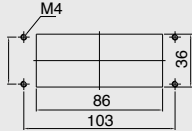
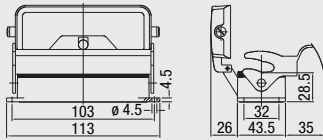
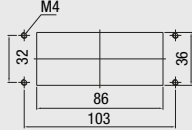
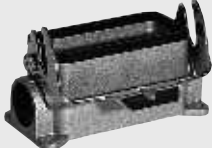
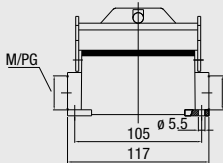
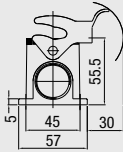
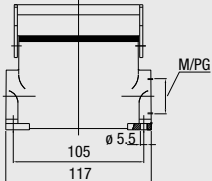
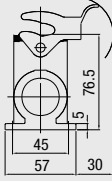
Baugröße/Size 6

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction			HB.16.AG-LB Mit Korrosionsschutz <i>With corrosion protection</i> HB-K.16.AG-LB	1-1102296-2 2-1102296-2
   Montageausschnitt <i>Panel cut-out</i>				
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction			HB.16.AGD-LB Mit Korrosionsschutz <i>With corrosion protection</i> HB-K.16.AGD-LB	1-1102305-2 2-1102305-2
   Montageausschnitt <i>Panel cut-out</i>				
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction		21 2x21	HB.16.SG-LB.1.21.Z HB.16.SG-LB.2.21.Z HB.16.SG-LB.1.M25.Z HB.16.SG-LB.2.M25.Z Mit Korrosionsschutz <i>With corrosion protection</i> HB-K.16.SG-LB.2.M25.Z	1-1102299-2 1-1102301-2 0-1103060-3 0-1106448-3 0-1106448-7
  	M25 2xM25			
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction		21 2x21 29 2x29	HD.40.SG-LB.1.21.Z HD.40.SG-LB.2.21.Z HD.40.SG-LB.1.29.Z HD.40.SG-LB.2.29.Z HD.40.SG-LB.2.M32.Z Mit Korrosionsschutz <i>With corrosion protection</i> HD-K.40.SG-LB.1.21.Z HD-K.40.SG-LB.2.M32.Z	1-1102575-2 1-1102577-2 1-1102579-2 1-1102581-2 0-1106451-3 2-1102575-2 0-1106451-7
  	2xM32			
	2xM32	21		

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.16, HB-K.16, HD.40, HD-K.40 Gehäuse/Housings

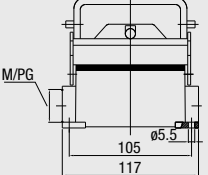
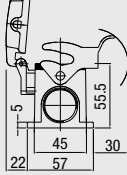
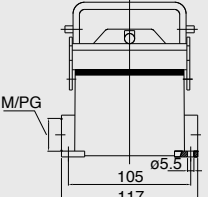
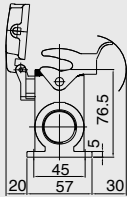
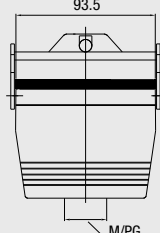
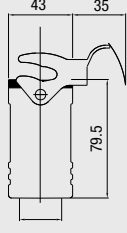
Baugröße/Size 6

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction				
  	2xM25	21 2x21	HB.16.SGD-LB.1.21.Z HB.16.SGD-LB.2.21.Z HB.16.SGD-LB.2.M25.Z Mit Korrosionsschutz With corrosion protection	1-1102308-2 1-1102310-2 0-1106448-2
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction				
  	2xM32	21 2x21 29 2x29	HD.40.SGD-LB.1.21.Z HD.40.SGD-LB.2.21.Z HD.40.SGD-LB.1.29.Z HD.40.SGD-LB.2.29.Z HD.40.SGD-LB.2.M32.Z Mit Korrosionsschutz With corrosion protection	1-1102589-2 1-1102591-2 1-1102593-2 1-1102595-2 0-1106451-2
Kupplungsgehäuse: Kabeleingang unten, Hohe Bauform Cable-to-cable hood: Bottom entry, High construction				
  	M32	21 29	HD.40.KDO-LB.1.21.G HD.40.KDO-LB.1.29.G HD.40.KDO-LB.1.M32.G Mit Korrosionsschutz With corrosion protection	1-1102584-2 1-1102587-2 0-1106450-1
	M32		HD-K.40.KDO-LB.1.M32.G	0-1106450-3

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB-Z.16, HB-K/Z.16, HD-Z.40, HD-K/Z.40 Gehäuse/Housings

Baugröße/Size 6

Pulverbeschichtet, silbergrau

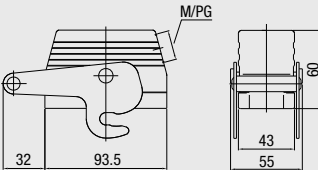
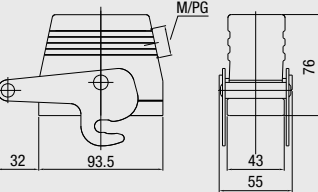
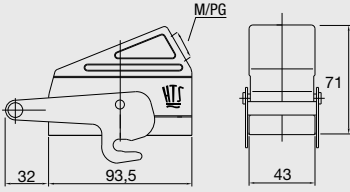
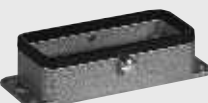
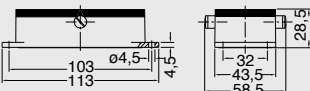
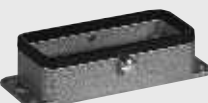
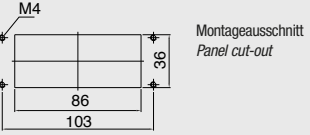
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Zentralbügel am Steckergehäuse/Central locking clip on hood

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction	M32	21	HB-Z.16.STS-ZB.1.21.G HB-Z.16.STS-ZB.1.M32.G	1-1102292-3 2-1106449-4
 	M32	21	Mit Korrosionsschutz With corrosion protection HB-K/Z.16.STS-ZB.1.21.G HB-K/Z.16.STS-ZB.1.M32.G	2-1102292-3 1-1106449-4
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform Hood: Side entry, High construction	M32	21 29	HD-Z.40.STS-ZB.1.21.G HD-Z.40.STS-ZB.1.29.G HD-Z.40.STS-ZB.1.M32.G	1-1102564-3 1-1102567-3 1-1106452-6
 	M32	21 29	Mit Korrosionsschutz With corrosion protection HD-K/Z.40.STS-ZB.1.21.G HD-K/Z.40.STS-ZB.1.29.G HD-K/Z.40.STS-ZB.1.M32.G	2-1102564-3 2-1102567-3 1-1106452-4
Steckergehäuse: Kabeleingang seitlich, Keilform Hood: Side entry, Standard construction	M32	21	HB-KF-Z.16.STS-ZB.1.21.G HB-KF-Z.16.STS-ZB.1.M32.G	1-1102220-3 2-1106449-2
 	M32	21	Mit Korrosionsschutz With corrosion protection HB-KF/K-Z.16.STS-ZB.1.21.Z HB-KF/K-Z.16.STS-ZB.1.M32.G	2-1102220-3 2-1106449-1
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction			HB-Z.16.AG-ZVGR	1-1102296-8
 			Mit Korrosionsschutz With corrosion protection HB-K/Z.16.AG-ZVGR	2-1102296-8
 				

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB-Z.16, HB-K/Z.16, HD-Z.40, HD-K/Z.40 Gehäuse/Housings

Baugröße/Size 6

Pulverbeschichtet, silbergrau

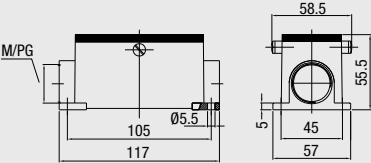
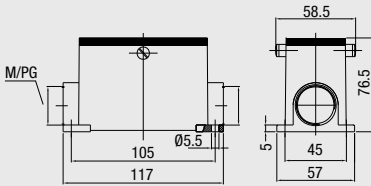
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Zentralbügel am Steckergehäuse/Central locking clip on hood

IP 65

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction				
 	2xM25	21 2x21	HB-Z.16.SG-ZVGR.1.21.Z HB-Z.16.SG-ZVGR.2.21.Z HB-Z.16.SG-ZVGR.2.M25.G Mit Korrosionsschutz With corrosion protection	1-1102299-8 1-1102301-8 1-1106448-1
	2xM25	21 2x21	HB-K/Z.16.SG-ZVGR.1.21.Z HB-K/Z.16.SG-ZVGR.2.21.Z HB-K/Z.16.SG-ZVGR.2.M25.G	2-1102299-8 2-1102301-8 1-1106448-0
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction				
 	2xM32		HD-Z.40.SG-ZVGR.2.M32.G	1-1106451-0
	2xM32		Mit Korrosionsschutz With corrosion protection HD-K/Z.40.SG-ZVGR.2.M32.G	0-1106451-9

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HIP.16/40, HIP-K.16/40, EMV-K.16/40 Gehäuse/Housings

Baugröße/Size 6

HIP: Druckdicht, silbergrau, **HIP-K:** Korrosionsgeschützt, schwarz

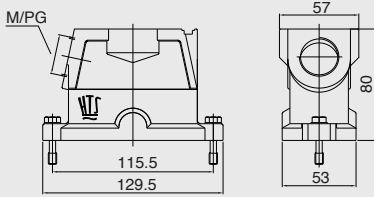
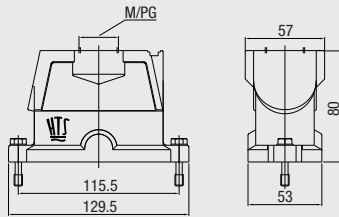
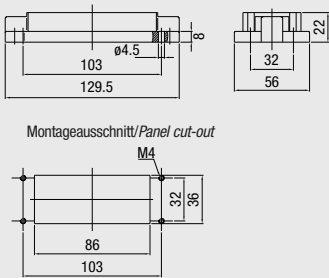
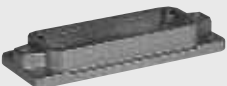
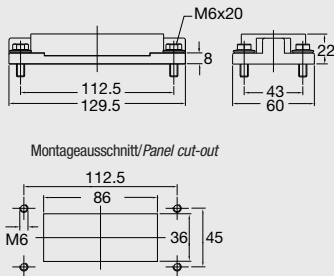
EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz

HIP: Pressure-tight, silver-grey, **HIP-K:** Housings corrosion-resistant, black

EMV-K: Protection against electro-magnetic interference, pressure-tight, housings corrosion-resistant, black

Druckdicht bis ≤ 5 bar/pressure-tight up to 5 bar

IP 68

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich Hood: Side entry  	M32	21 29	HIP HIP.16/40.STS.1.21.G HIP.16/40.STS.1.29.G HIP.16/40.STS.1.M32.G	1-1102649-5 1-1102651-5 0-1106454-2
Steckergehäuse: Kabeleingang oben Hood: Top entry  	M32	21 29	HIP HIP.16/40.STO.1.21.G HIP.16/40.STO.1.29.G HIP.16/40.STO.1.M32.G	1-1102653-5 1-1102655-5 0-1106454-1
Anbaugehäuse: Kabeleingang unten Surface mounted housing: Bottom entry  			HIP HIP.16/40.AG HIP-K HIP-K.16/40.AG EMV-K EMV-K.16/40.AG	1-1102656-5 2-1102656-5 4-1102728-5
Anbaugehäuse: Kabeleingang unten Surface mounted housing: Bottom entry  			HIP HIP.16/40.AG.M6 HIP-K HIP-K.16/40.AG.M6 EMV-K EMV-K.16/40.AG.M6	1-1102618-5 2-1102618-5 4-1102730-5

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HIP.16/40, HIP-K.16/40, EMV-K.16/40 Gehäuse/Housings

Baugröße/Size 6

HIP: Druckdicht, silbergrau, **HIP-K:** Korrosionsgeschützt, schwarz

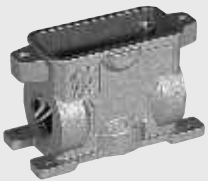
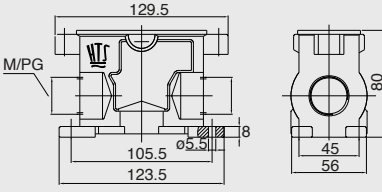
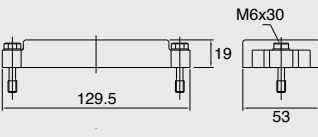
EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz

HIP: Pressure-tight, silver-grey, **HIP-K:** Housings corrosion-resistant, black

EMV-K: Protection against electro-magnetic interference, pressure-tight, housings corrosion-resistant, black

Druckdicht bis ≤ 5 bar/pressure-tight up to 5 bar

IP 68

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Sockelgehäuse: Kabeleingang seitlich Surface mounted housing: Side entry  	2xM32	21 2x21	HIP HIP.16/40.SG.1.21.G HIP.16/40.SG.2.21.G HIP.16/40.SG.2.M32.G	1-1102616-5 1-1102617-5 0-1106453-1
Schutzkappe für Gehäuse-Unterteile Protective covers for housings  	2xM32	21 2x21	HIP-K HIP-K.16/40.SG.1.21.G HIP-K.16/40.SG.2.21.G HIP-K.16/40.SG.2.M32.G	5-1102616-5 2-1102617-5 0-1106443-1
	2xM32	21 2x21	EMV-K EMV-K.16/40.SG.1.21.Z EMV-K.16/40.SG.2.21.Z EMV-K.16/40.SG.2.M32.G	4-1102726-5 4-1102727-5 0-1106445-2
			HIP HIP/EMV.16/40.SKB	3-1106203-5
			HIP-K HIP-K.16/40.SKB	4-1106203-5

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HA.32 Kontakteinsätze/Contact inserts**Baugröße/Size 7**

Schraubanschluss, Federzug-Anschluss,
Crimpanschluss für gedrehte HE/HA Crimpkontakte

Kontaktzahlen
No. of contacts

*Screw terminal, Spring Clamp terminal,
Crimp terminal for screw machined HE/HA crimp contacts*

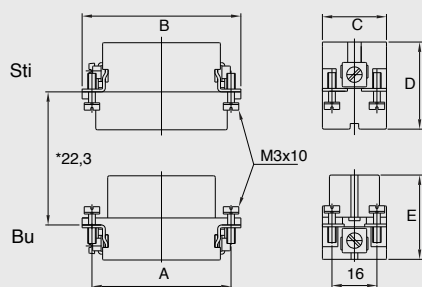
(2 x 16) **32** + 

250 V/16 A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert Schraubanschluss/Screw terminal  Federzug-Anschluss/Spring Clamp terminal  Crimpanschluss/Crimp terminal 	Buchseinsatz/Female insert   	HA.16.Sti.S.B 1-16 HA.16.Sti.S.B 17-32 HA.16.Bu.S.B 1-16 HA.16.Bu.S.B 17-32 HA.16.Sti.SC.B 1-16 HA.16.Sti.SC.B 17-32 HA.16.Bu.SC.B 1-16 HA.16.Bu.SC.B 17-32 HA.16.STI.C.B 1-16 HA.16.STI.C.B 17-32 HA.16.BU.C.B 1-16 HA.16.BU.C.B 17-32	1-1103416-1 1-1103416-7 1-1103417-1 1-1103417-7 7-1103416-1 7-1103416-7 7-1103417-1 7-1103417-7 2-1103416-3 2-1103416-7 2-1103417-3 2-1103417-7

Maße/Dimensions	A	B	C	D	E
mm	66	73	23	31	28

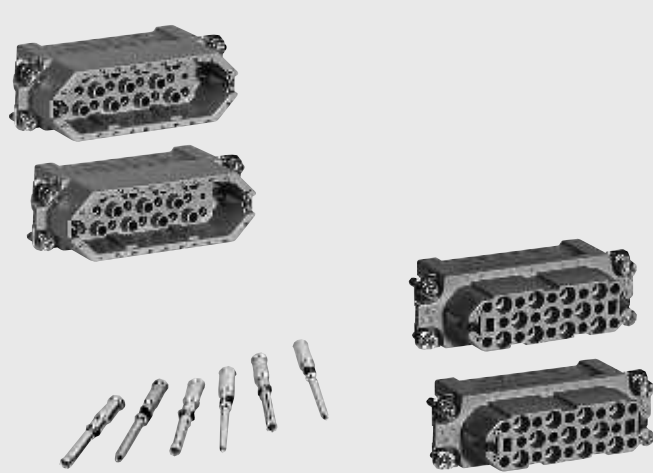
Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm/Dimensions mm

*Abstand für sichere Kontaktgabe max. 24 mm

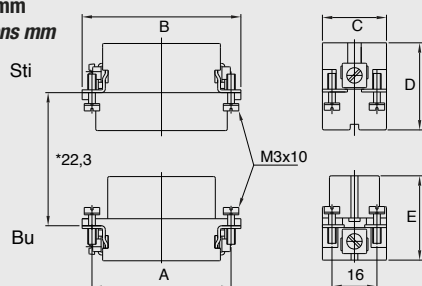
Anschlußseite Stift**Contact arrangement Male insert****Anschlußseite Buchse****Contact arrangement Female insert**

HN.D.50 Kontakteinsätze/Contact inserts**Baugröße/Size 7****Crimpanschluss für gedrehte HN.D Crimpkontakte****Kontaktzahlen****No. of contacts****Crimp terminal for screw machined HN.D crimp contacts****(2 x 25) 50 + ****250 V/10 A**

Bezeichnung Description		Bestelltext Designation	Bestell-Nr./Order No.		
			Stifteinsatz Male insert	Buchseinsatz Female insert	
Stifteinsatz/Male insert					
Buchseinsatz/Female insert					
Crimpanschluss/Crimp terminal					
		HN.D.25.Sti.C HN.D.25.Sti.C.1-25/Z*	2-1103108-3 0-1103108-1		
		HN.D.25.Bu.C HN.D.25.Bu.C.1-25/Z*		2-1103109-3 0-1103109-1	
*Zusätzliche Kennzeichnung „Z“ wie in Euromap 67 hinterlegt *Marked with „Z“ according Euromap 67					
Maße/Dimensions					
mm	A	B	C	D	E
	66	73	23	35	35

Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
 Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

Maßbild mm
 Dimensions mm



Anschlußseite Stift
 Contact arrangement Male insert



Anschlußseite Buchse
 Contact arrangement Female insert



HD.50 Kontakteinsätze/*Contact inserts*

Baugröße/Size 7

Crimpanschluss für gestanzte HD.M Crimpkontakte

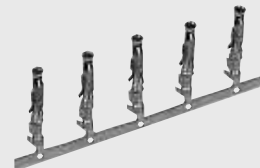
Kontaktzahlen

No. of contacts

Crimp terminal for stamped HD .Mcrimp contacts

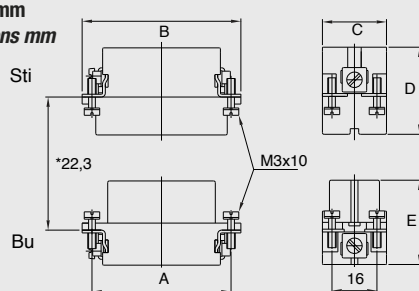
(2 x 25) **50** + 

250 V/10 A

Bezeichnung Description		Bestelltext Designation	Bestell-Nr./Order No. Stifteinsatz Male insert	Bestell-Nr./Order No. Buchseinsatz Female insert												
Stifteinsatz/Male insert	Buchseinsatz/Female insert															
Crimpschluss/Crimp terminal																
		HD.25.Sti.C	2-1103010-3													
		HD.25.Bu.C		2-1103011-3												
<table><tr><th>Maße/Dimensions</th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th></tr><tr><td>mm</td><td>66</td><td>73</td><td>23</td><td>35</td><td>35</td></tr></table>		Maße/Dimensions	A	B	C	D	E	mm	66	73	23	35	35			
Maße/Dimensions	A	B	C	D	E											
mm	66	73	23	35	35											

Passende Crimpkontakte siehe Seite 35, Passende Crimpwerkzeuge siehe Seite 35
 Suitable Crimp contacts see page 35, Suitable Crimping tools see page 35

Maßbild mm
Dimensions mm



*Abstand für sichere Kontaktgabe max. 24 mm

Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



HA.32 Gehäuse/Housings

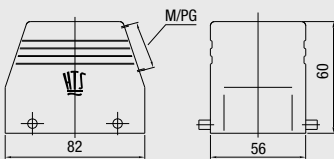
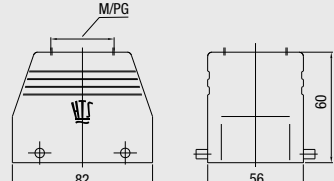
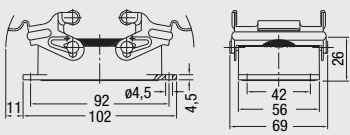
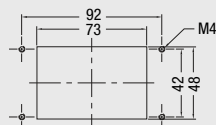
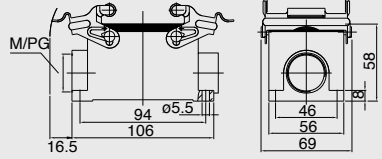
Baugröße/Size 7

Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

Verschlussbügel am Unterteil/Locking clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction  	M25 M40	21	HA.32.STS.1.21.G HA.32.STS.1.M25.G HA.32.STS.1.M40.G	1-1102155-6 0-1106456-3 0-1106439-3
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction  	M32 M40	21	HA.32.STO.1.21.G HA.32.STO.1.M32.G HA.32.STO.1.M40.G	1-1102158-6 0-1106456-1 0-1106439-1
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction    Montageausschnitt Panel cut-out			HA.32.AG-VS	1-1102160-1
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction  	2xM25	21 2x21	HA.32.SG-VS.1.21.Z HA.32.SG-VS.2.21.Z HA.32.SG-VS.2.M25.Z	1-1102162-1 1-1102164-1 0-1106455-2

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HA.32 Gehäuse/Housings

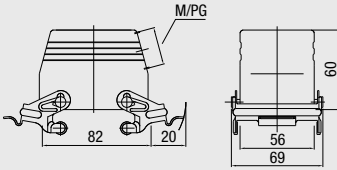
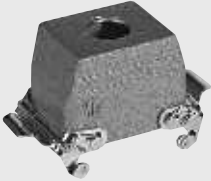
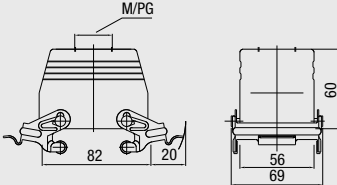
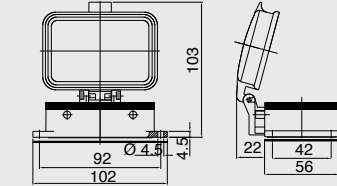
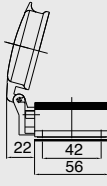
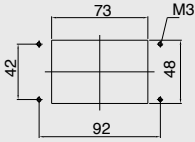
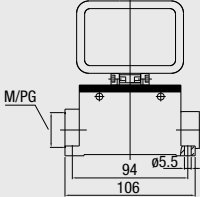
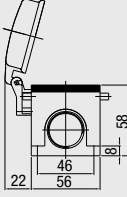
Baugröße/Size 7

Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

Verschlussbügel am Oberteil/Locking clip on hood

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction  	M25 M40	21	HA.32.STS-VS.1.21.G HA.32.STS-VS.1.M25.G HA.32.STS-VS.1.M40.G	1-1102155-1 0-1106456-4 0-1106459-4
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction  	M32 M40	21	HA.32.STO-VS.1.21.G HA.32.STO-VS.1.M32.G HA.32.STO-VS.1.M40.G	1-1102158-1 0-1106456-2 0-1106459-2
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction     Montageausschnitt Panel cut-out			HA.32.AGD	1-1102165-1
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction   	2xM25	21 2x21	HA.32.SGD.1.21.Z HA.32.SGD.2.21.Z HA.32.SGD.2.M25.Z	1-1102167-1 1-1102169-1 0-1106455-1

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HE.24 Kontakteinsätze/Contact inserts**Baugröße/Size 8**

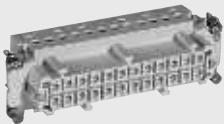
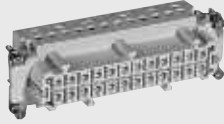
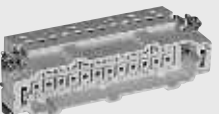
Federzug-Anschluss, Schraubanschluss,
Crimpanschluss für gedrehte HE/HA Crimpkontakte

Kontaktzahlen
No. of contacts

*Spring Clamp terminal, Screw terminal,
Crimp terminal for screw machined HE/HA crimp contacts*

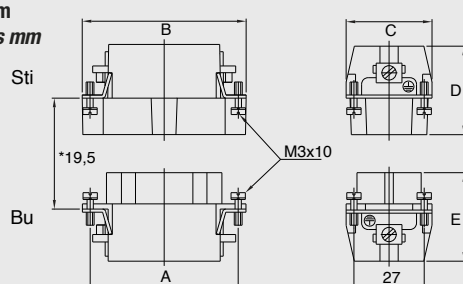
24 + 

400 V/16 A

Bezeichnung Description		Bestelltext Designation	Bestell-Nr./Order No.		
			Stifteinsatz Male insert	Buchseinsatz Female insert	
Stifteinsatz/Male insert					
Schraubanschluss/Screw terminal					
		HE.24.Sti.S.B 1-24	1-1103640-1		
		HE.24.Bu.S.B 1-24		1-1103641-1	
Federzug-Anschluss/Spring Clamp terminal					
		HE.24.Sti.SC.B 1-24	7-1103640-1		
		HE.24.Bu.SC.B 1-24		7-1103641-1	
Crimpanschluss/Crimp terminal					
		HE.24.Sti.C.B 1-24	2-1103640-3		
		HE.24.Bu.C.B 1-24		2-1103641-3	
Maße/Dimensions					
mm	A	B	C	D	E
	104	110	33	34	35

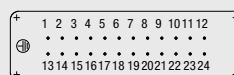
Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm
Dimensions mm

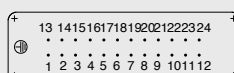


*Abstand für sichere Kontaktgabe max. 21 mm

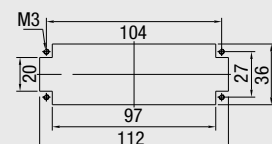
Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



Montageausschnitt
Panel cut-out



HEE.46 Kontakteinsätze/Contact inserts

Crimpanschluss für gedrehte HE Crimpkontakte

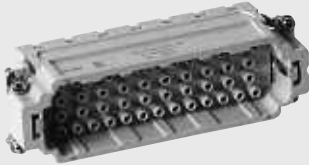
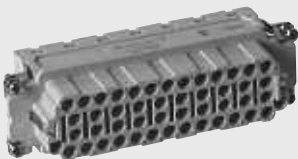
Crimp terminal for screw machined HE crimp contacts

Baugröße/Size 8

Kontaktzahlen
No. of contacts

46 + 

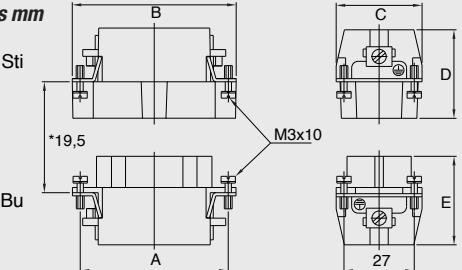
500 V/16 A

Bezeichnung Description		Bestelltext Designation	Bestell-Nr./Order No.													
			Stifteinsatz Male insert	Buchseinsatz Female insert												
Stifteinsatz/Male insert	Buchseinsatz/Female insert															
Crimpanschluss/Crimp terminal																
		HEE.46.Sti.C HEE.46.Sti.C.FS*	0-1102886-1 0-1102886-4													
		HEE.46.Bu.C HEE.46.Bu.C.FS*		0-1102887-1 0-1102887-4												
*Kunststoff ist I2F1 qualifiziert nach NF-F 16-101, 102 Plastic is qualified I2F1 according NF-F 16-101, 102																
<table><tr><td>Maße/Dimensions</td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td></tr><tr><td>mm</td><td>104</td><td>110</td><td>33</td><td>34</td><td>37</td></tr></table>		Maße/Dimensions	A	B	C	D	E	mm	104	110	33	34	37			
Maße/Dimensions	A	B	C	D	E											
mm	104	110	33	34	37											

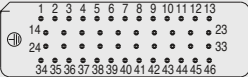
Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37

Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm
Dimensions mm



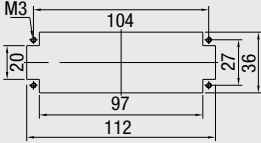
Kontaktanordnung Anschlußseite Stift
Contact arrangement Male insert



Kontaktanordnung Anschlußseite Buchse
Contact arrangement Female insert



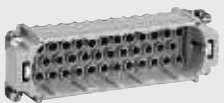
Montageausschnitt
Panel cut-out



Verbindlich für Toleranzen der Abmessungen und technische Werte sind ausschließlich die neuesten TE Connectivity Kundenzeichnungen bzw. Produkt-Spezifikationen, die Sie auf Anfrage erhalten.
All specifications subject to change. Consult TE Connectivity for latest design specifications.

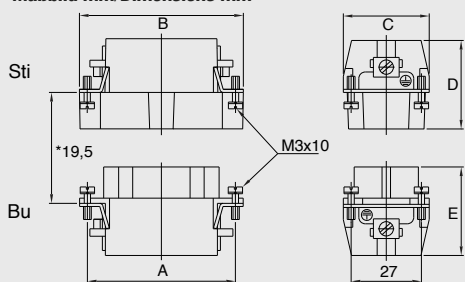
133

HVT.35; HVT.48 Kontakteinsätze/Contact inserts**Baugröße/Size 8****Crimpanschluss für gedrehte HVT Crimpkontakte****Kontaktzahlen****No. of contacts****Crimp terminal for screw machined HVT crimp contacts****35; 48 + ****400 V/16 A**

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert Buchseinsatz/Female insert Crimpanschluss/Crimp terminal  	HVT.35.Sti.C	2-1104012-3	
	HVT.35.Bu.C		2-1104014-3
Crimpanschluss/Crimp terminal  	HVT.48.Sti.C	2-1104016-3	
	HVT.48.Bu.C		2-1104018-3

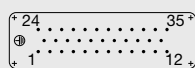
Maße/Dimensions	A	B	C	D	E
mm	104	110	33	35	40

Passende Crimpkontakte siehe Seite 38, Passende Crimpwerkzeuge siehe Seite 38
 Suitable Crimp contacts see page 38, Suitable Crimping tools see page 38

Maßbild mm/Dimensions mm**Anschlußseite Stift/Contact arrangement Male insert**

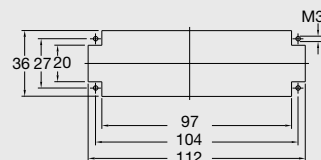
HVT.35

HVT.48

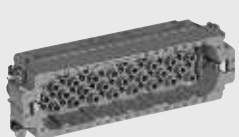
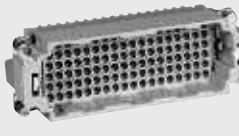
**Anschlußseite Buchse/Contact arrangement Female insert**

HVT.35

HVT.48

**Montageausschnitt
Panel cut-out**

HN.D.64; HN.2D.108 Kontakteinsätze/Contact inserts**Baugröße/Size 8****Crimpanschluss für gedrehte HN.D Crimpkontakte****Kontaktzahlen****No. of contacts****Crimp terminal for screw machined HN.D crimp contacts****64; 108 + ****250 V/10 A**

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert Buchseinsatz/Female insert Crimpanschluss/Crimp terminal   Crimpanschluss/Crimp terminal  	HN.D.64.Sti.C HN.D.64.Bu.C HN.2D.108.Sti.C HN.2D.108.Bu.C	2-1103112-3 2-1103113-3 2-1103216-3 2-1103220-3	

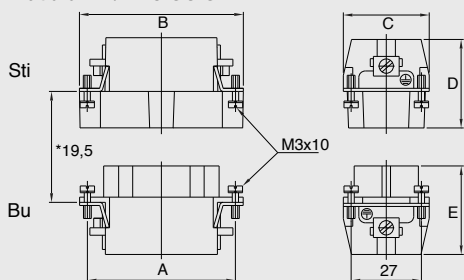
HN.D.64

Maße/Dimensions	A	B	C	D	E
mm	104	110	33	35	35

HN.2D.108

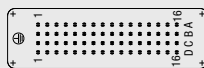
Maße/Dimensions	A	B	C	D	E
mm	104	110	34	36,5	37

Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
 Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

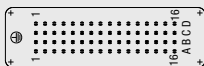
Maßbild mm/Dimensions mm

*Abstand für sichere Kontaktgabe max. 21 mm

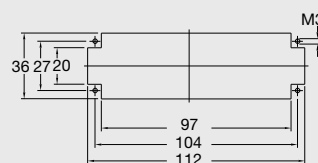
Anschlußseite Stift/Contact arrangement Male insert
 HN.D.64 HN.2D.108



Anschlußseite Buchse/Contact arrangement Female insert
 HN.D.64 HN.2D.108



Montageausschnitt
 Panel cut-out



HD.64 Kontakteinsätze/Contact inserts

Crimpanschluss für gestanzte HD.M Crimpkontakte

Crimp terminal for stamped HD.M crimp contacts

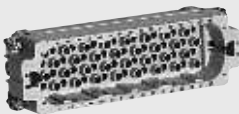
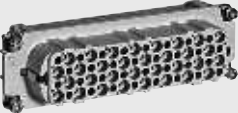
Baugröße/Size 8

Kontaktzahlen

No. of contacts

64 + 

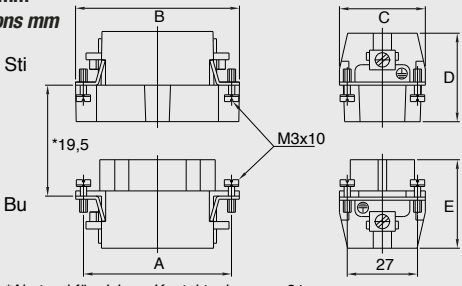
250 V/10 A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert			
Buchseinsatz/Female insert			
Crimpanschluss/Crimp terminal			
	HD.64.Sti.C	2-1103032-3	
	HD.64.Bu.C		2-1103033-3

Maße/Dimensions	A	B	C	D	E
mm	104	110	33	35	35

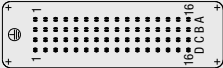
Passende Crimpkontakte siehe Seite 35, Passende Crimpwerkzeuge siehe Seite 35
Suitable Crimp contacts see page 35, Suitable Crimping tools see page 35

Maßbild mm
Dimensions mm

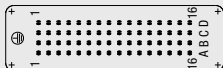


*Abstand für sichere Kontaktgabe max. 21 mm

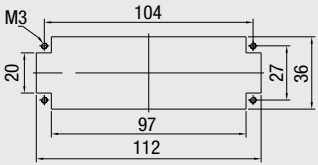
Anschiußseite Stift
Contact arrangement Male insert



Anschiußseite Buchse
Contact arrangement Female insert



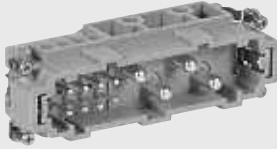
Montageausschnitt
Panel cut-out



136

Verbindlich für Toleranzen der Abmessungen und technische Werte sind ausschließlich die neuesten TE Connectivity Kundenzeichnungen bzw. Produkt-Spezifikationen, die Sie auf Anfrage erhalten.
All specifications subject to change. Consult TE Connectivity for latest design specifications.

HSS.8/2; HMX4/8 Kontakteinsätze/Contact inserts**Baugröße/Size 8****Crimpanschluss, Schraubanschluss****Kontaktzahlen****No. of contacts****Crimp terminal, Screw terminal****8 + 2; 4 + 8** **600 V/63 A; 400 V/16 A; 380 V/80 A; 380 V/16 A**

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert Buchseinsatz/Female insert Crimpanschluss/Crimp terminal  	HSS.8/2.Sti.C HSS.8/2.Bu.C	2-1104200-3 2-1104202-3	
Schraubanschluss/Screw terminal  	HMX.4/8.Sti.S HMX.4/8.Bu.S	0-1103148-1 0-1103149-1	

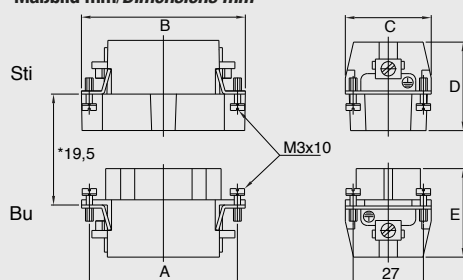
HSS.8/2

Maße/Dimensions	A	B	C	D	E
mm	104	110	33	40	43,5

HMX4/8

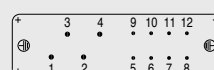
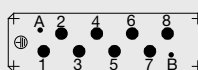
Maße/Dimensions	A	B	C	D	E
mm	104	110	34	42	44

Passende Crimpkontakte siehe Seite 38 (Steuerkontakt), Seite 41 (Lastkontakt), Passende Crimpwerkzeuge siehe Seite 41
 Suitable Crimp contacts see page 38 (signal contact), page 41 (power contact), Suitable Crimping tools see page 41

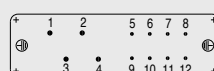
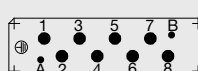
Maßbild mm/Dimensions mm

*Abstand für sichere Kontaktgabe max. 21 mm

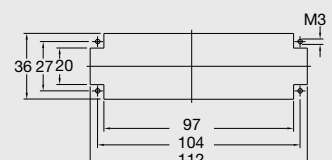
Anschlußseite Stift/Contact arrangement Male insert
 HSS.8/2 HE-K.4/8



Anschlußseite Buchse/Contact arrangement Female insert
 HSS.8/2 HE-K.4/8



Montageausschnitt
 Panel cut-out

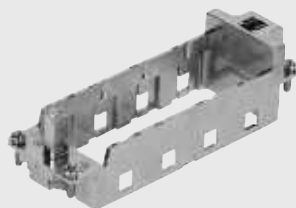


Modul Halterahmen/Module Fixing Frame

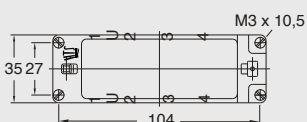
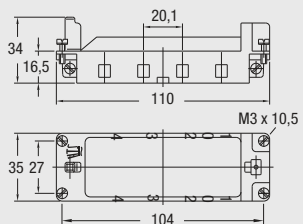
Baugröße/Size 8

Bezeichnung Description

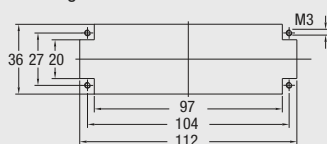
Halterahmen/Fixing frame



Für Modul MDL Seite 194–203
For module MDL page 194–203



Montageausschnitt/Panel cut-out



Bestelltext Designation

MDL2-GR.0-8/B.1-4

MDL2-GR.U-8/B.1-4

Bestell-Nr./Order No.

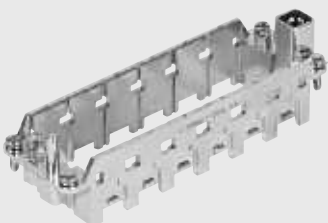
Oberteil
Top part

Unterteil
Bottom part

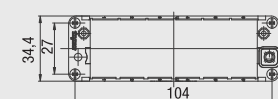
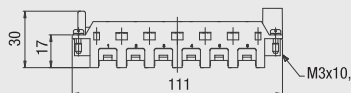
0-1108780-1

0-1108780-2

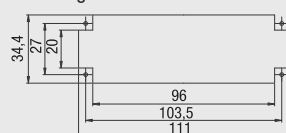
Halterahmen/Fixing frame



Für Modul HVS Seite 204–212
For module HVS page 204–212



Montageausschnitt/Panel cut-out



HVS-R.0 1-6
HVS-R.U 1-6

0-1103250-1

0-1103250-2

HB/-K.24, HD/-K.64, HD/-K.108 Gehäuse/Housings

Baugröße/Size 8

Pulverbeschichtet, silbergrau

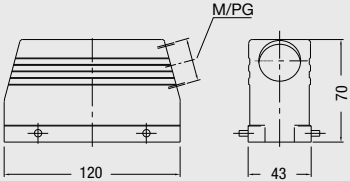
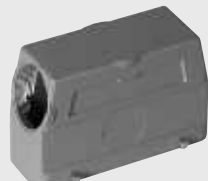
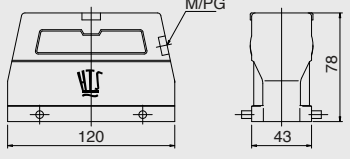
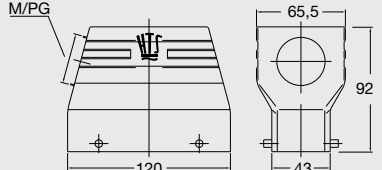
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Verschlussbügel am Unterteil/Locking clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction				
 	M32	21	HB.24.STS.1.21.G	1-1102316-6
		29	HB.24.STS.1.29.G HB.24.STS.1.M32.G	1-1102319-6 0-1106465-4
			Mit Korrosionsschutz With corrosion protection	
	M32	21	HB-K.24.STS.1.21.G	2-1102316-6
		29	HB-K.24.STS.1.29.G HB-K.24.STS.1.M32.G	2-1102319-6 1-1106465-1
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform Hood: Side entry, High construction				
 	M32 M40	21	HD.64.STS.1.21.G	1-1103336-6
		29	HD.64.STS.1.29.G HD.64.STS.1.M32.G HD.64.STS.1.M40.G	1-1103338-6 0-1106470-4 1-1106470-9
			Mit Korrosionsschutz With corrosion protection	
	M32	21	HD-K.64.STS.1.21.G	2-1103336-6
		29	HD-K.64.STS.1.29.G HD-K.64.STS.1.M32.G	2-1103338-6 1-1106470-0
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform Hood: Side entry, High construction				
 	M50	29	HD.108.STS.1.29.G HD.108.STS.1.M50.G	1-1102411-6 0-1106467-4
			Mit Korrosionsschutz With corrosion protection	
	M50	29	HD-K.108.STS.1.29.G HD-K.108.STS.1.M50.G	2-1102411-6 1-1106467-0

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB/-K.24, HD/-K.64, HD/-K.108 Gehäuse/Housings

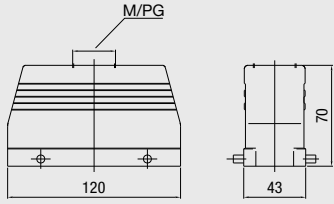
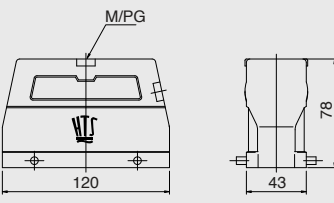
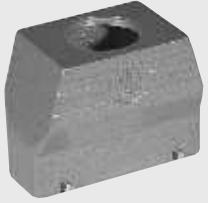
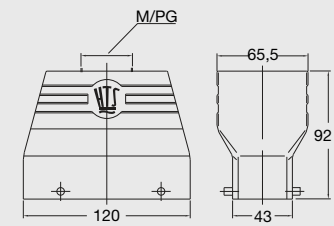
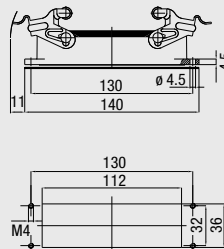
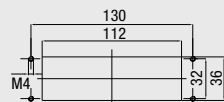
Baugröße/Size 8

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Verschlussbügel am Unterteil/Locking clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction	M32	21 29	HB.24.STO.1.21.G HB.24.STO.1.29.G HB.24.STO.1.M32.G Mit Korrosionsschutz With corrosion protection	1-1102325-6 1-1102328-6 0-1106465-1
 		21 29	HB-K.24.STO.1.21.G HB-K.24.STO.1.29.G HB-K.24.STO.1.M32.G	2-1102325-6 2-1102328-6 0-1106465-7
Steckergehäuse: Kabeleingang oben, Hohe Bauform Hood: Top entry, High construction	M32 M40	21 29	HD.64.STO.1.21.G HD.64.STO.1.29.G HD.64.STO.1.M32.G HD.64.STO.1.M40.G Mit Korrosionsschutz With corrosion protection	1-1103341-6 1-1103344-6 0-1106470-1 3-1106470-0
 		21 29	HD-K.64.STO.1.21.G HD-K.64.STO.1.29.G HD-K.64.STO.1.M32.G	2-1103341-6 2-1103344-6 0-1106470-7
Steckergehäuse: Kabeleingang oben, Hohe Bauform Hood: Top entry, High construction	M50	36	HD.108.STO.1.36.G HD.108.STO.1.M50.G Mit Korrosionsschutz With corrosion protection	1-1102414-6 0-1106467-1
 		36	HD-K.108.STO.1.36.G HD-K.108.STO.1.M50.G	2-1102414-6 0-1106467-7
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction			HB.24.AG-VS Mit Korrosionsschutz With corrosion protection HB-K.24.AG-VS	1-1102291-1 2-1102291-1
   Montageausschnitt Panel cut-out				

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.24, HB-K.24, HD.64, HD-K.64 Gehäuse/Housings

Baugröße/Size 8

Pulverbeschichtet, silbergrau

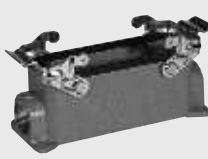
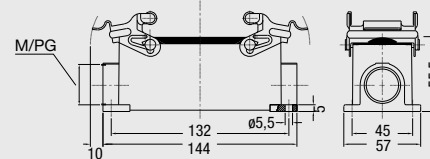
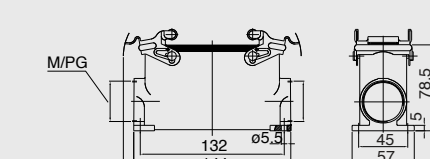
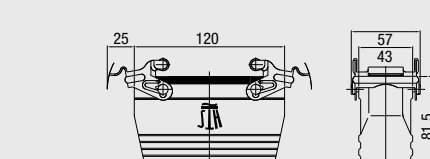
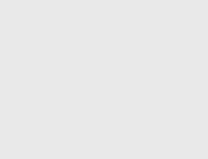
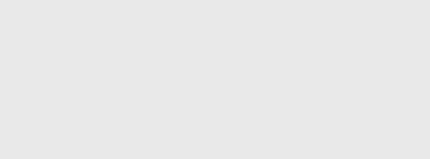
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Verschlussbügel am Unterteil/Locking clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction	M25 2xM25	21 2x21	HB.24.SG-VS.1.21.Z HB.24.SG-VS.2.21.Z HB.24.SG-VS.1.M25.Z HB.24.SG-VS.2.M25.Z Mit Korrosionsschutz With corrosion protection	1-1102331-1 1-1102333-1 0-1103061-1 0-1106464-4
 		21 2x21	HB-K.24.SG-VS.1.21.Z HB-K.24.SG-VS.2.21.Z HB-K.24.SG-VS.2.M25.G	2-1102331-1 2-1102333-1 0-1106464-8
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction	M25 2xM32	21 2x21	HD.64.SG-VS.1.21.Z	1-1103346-1
 		29 2x29	HD.64.SG-VS.2.21.Z HD.64.SG-VS.1.29.Z HD.64.SG-VS.2.29.Z HD.64.SG-VS.1.M25.G HD.64.SG-VS.2.M32.G Mit Korrosionsschutz With corrosion protection	1-1103348-1 1-1103350-1 1-1103352-1 0-1103083-1 0-1106469-4
Kupplungsgehäuse: Kabeleingang unten, Hohe Bauform Cable-to-cable hood: Bottom entry, High construction	M32	21 2x21	HD-K.64.SG-VS.1.21.Z	2-1103346-1
 		29 2x29	HD-K.64.SG-VS.2.21.Z HD-K.64.SG-VS.1.29.Z HD-K.64.SG-VS.2.29.Z HD-K.64.SG-VS.2.M32.G	2-1103348-1 2-1103350-1 2-1103352-1 0-1106469-8
 		21 29	HD.64.KDO-VS.1.21.G HD.64.KDO-VS.1.29.G HD.64.KDO-VS.1.M32.G	1-1103355-1 1-1103358-1 0-1106468-2

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

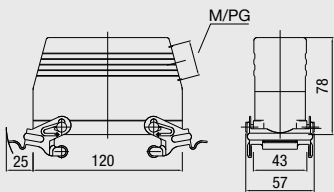
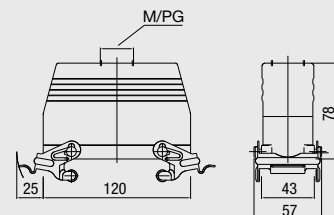
HB.24, HB-K.24, HD.64, HD-K.64 Gehäuse/Housings**Baugröße/Size 8**

Pulverbeschichtet, silbergrau

K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black**Verschlussbügel am Oberteil/Locking clip on hood****IP 65**

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform Hood: Side entry, High construction  	M32	21 29	HD.64.STS-VS.1.21.G HD.64.STS-VS.1.29.G HD.64.STS-VS.1.M32.G Mit Korrosionsschutz With corrosion protection	1-1103336-1 1-1103338-1 0-1106470-6
Steckergehäuse: Kabeleingang oben, Hohe Bauform Hood: Top entry, High construction  	M32	21 29	HD.64.STO-VS.1.21.G HD.64.STO-VS.1.29.G HD.64.STO-VS.1.M32.G Mit Korrosionsschutz With corrosion protection	1-1103341-1 1-1103344-1 0-1106470-3
	M32	29	HD-K.64.STS-VS.1.29.G HD-K.64.STS-VS.1.M32.G	2-1103338-1 1-1106470-2
	M32	29	HD-K.64.STO-VS.1.29.G HD-K.64.STO-VS.1.M32.G	2-1103344-1 0-1106470-9

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.24, HB-K.24, HD.64, HD-K.64 Gehäuse/Housings

Baugröße/Size 8

Pulverbeschichtet, silbergrau

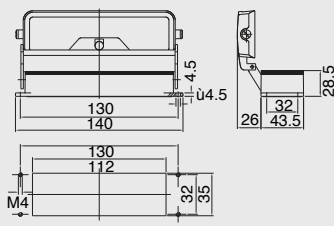
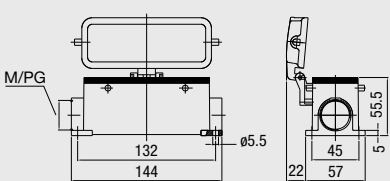
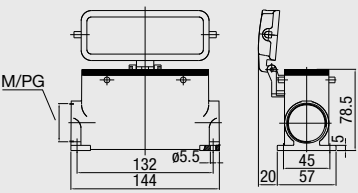
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Verschlussbügel am Oberteil/Locking clip on hood

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction			HB.24.AGD	1-1102340-6
 			Mit Korrosionsschutz With corrosion protection HB-K.24.AGD	2-1102340-6
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction			HB.24.SGD.1.21.Z	1-1102343-6
 	M25 2xM25	21 2x21	HB.24.SGD.2.21.Z	1-1102345-6
			HB.24.SGD.1.M25.Z	0-1103061-2
			HB.24.SGD.2.M25.Z	0-1106464-1
			Mit Korrosionsschutz With corrosion protection	
	2xM25	21	HB-K.24.SGD.1.21.Z	2-1102343-6
			HB-K.24.SGD.2.M25.Z	0-1106464-5
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction			HD.64.SGD.1.21.Z	1-1103360-6
 	2xM32	21 2x21 29 2x29	HD.64.SGD.2.21.Z	1-1103362-6
			HD.64.SGD.1.29.Z	1-1103364-6
			HD.64.SGD.2.29.Z	1-1103366-6
			HD.64.SGD.2.M32.Z	0-1106469-1
			Mit Korrosionsschutz With corrosion protection	
	2xM32	29	HD-K.64.SGD.1.29.Z	2-1103364-6
			HD-K.64.SGD.2.M32.Z	0-1106469-5

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB/-K.24, HD/-K.64, HD/-K.108 Gehäuse/Housings

Baugröße/Size 8

Pulverbeschichtet, silbergrau

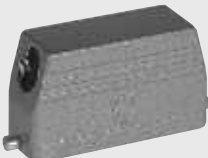
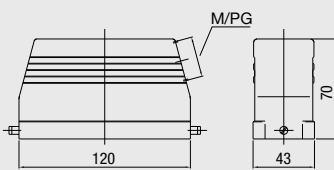
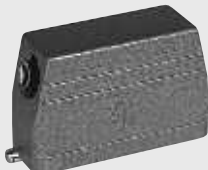
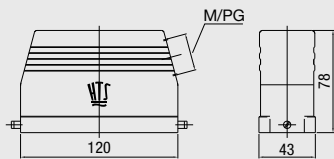
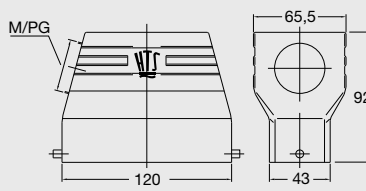
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction				
 	M32	21 29	HB.24.STS-GR.1.21.G HB.24.STS-GR.1.29.G HB.24.STS-GR.1.M32.G Mit Korrosionsschutz With corrosion protection	1-1102316-7 1-1102319-7 0-1106465-5
	M32	21 29	HB-K.24.STS-GR.1.21.G HB-K.24.STS-GR.1.29.G HB-K.24.STS-GR.1.M32.G	2-1102316-7 2-1102319-7 1-1106465-2
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform Hood: Side entry, High construction				
 	M32 M40	21 29	HD.64.STS-GR.1.21.G HD.64.STS-GR.1.29.G HD.64.STS-GR.1.M32.G HD.64.STS-GR.1.M40.G Mit Korrosionsschutz With corrosion protection	1-1103336-7 1-1103338-7 0-1106470-5 3-1106470-5
	M32	29	HD-K.64.STS-GR.1.29.G HD-K.64.STS-GR.1.M32.G	2-1103338-7 1-1106470-1
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform Hood: Side entry, High construction				
 	M50	29	HD.108.STS-GR.1.29.G HD.108.STS-GR.1.M50.G Mit Korrosionsschutz With corrosion protection	1-1102411-7 0-1106467-5
	M50	29	HD-K.108.STS-GR.1.29.G HD-K.108.STS-GR.1.M50.G	2-1102411-7 1-1106467-1

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.24, HB-K.24, HD.64, HD-K.64 Gehäuse/Housings

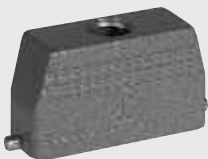
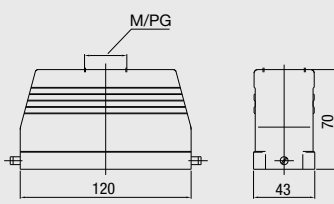
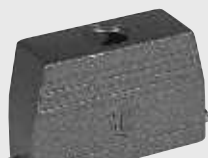
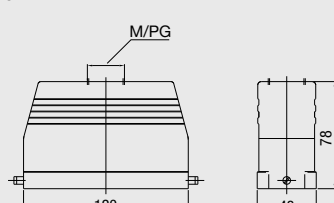
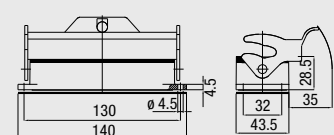
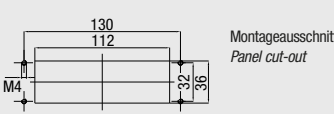
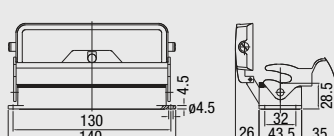
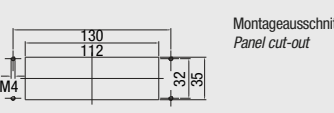
Baugröße/Size 8

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction	M32	21	HB.24.STO-GR.1.21.G	1-1102325-7
 		29	HB.24.STO-GR.1.29.G HB.24.STO-GR.1.M32.G	1-1102328-7 0-1106465-2
	M32	29	Mit Korrosionsschutz With corrosion protection	
	M32 M40	21	HB-K.24.STO-GR.1.21.G	2-1102328-7
		29	HB-K.24.STO-GR.1.29.G HB-K.24.STO-GR.1.M32.G	0-1106465-8
Steckergehäuse: Kabeleingang oben, Hohe Bauform Hood: Top entry, High construction	M32 M40	21	HD.64.STO-GR.1.21.G	1-1103341-7
 		29	HD.64.STO-GR.1.29.G HD.64.STO-GR.1.M32.G HD.64.STO-GR.1.M40.G	1-1103344-7 0-1106470-2 2-1106470-5
	M32	29	Mit Korrosionsschutz With corrosion protection	
	M32	21	HD-K.64.STO-GR.1.21.G	2-1103344-7
		29	HD-K.64.STO-GR.1.29.G HD-K.64.STO-GR.1.M32.G	0-1106470-8
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction			HB.24.AG-LB	1-1102291-2
  			Mit Korrosionsschutz With corrosion protection	
			HB-K.24.AG-LB	2-1102291-2
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction			HB.24.AGD-LB	1-1102340-2
  			Mit Korrosionsschutz With corrosion protection	
			HB-K.24.AGD-LB	2-1102340-2

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.24, HB-K.24, HD.64, HD-K.64 Gehäuse/Housings

Baugröße/Size 8

Pulverbeschichtet, silbergrau

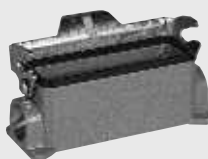
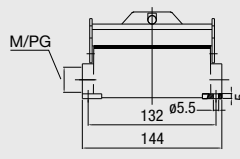
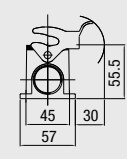
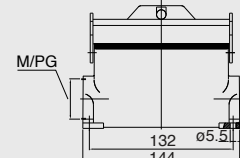
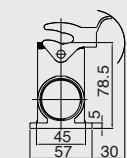
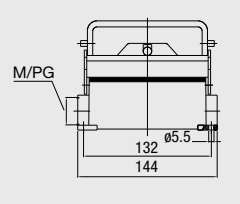
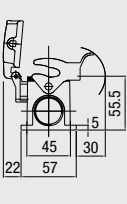
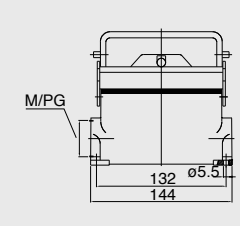
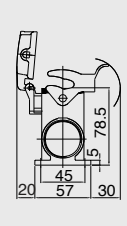
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

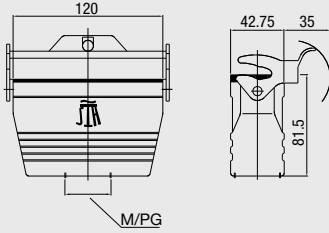
Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction				
  	2xM25	21 2x21	HB.24.SG-LB.1.21.Z HB.24.SG-LB.2.21.Z HB.24.SG-LB.2.M25.G Mit Korrosionsschutz With corrosion protection	1-1102331-2 1-1102333-2 0-1106464-3
	2xM25	21	HB-K.24.SG-LB.1.21.Z HB-K.24.SG-LB.2.M25.G	2-1102331-2 0-1106464-7
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction				
  	2xM32	21 2x21 29 2x29	HD.64.SG-LB.1.21.Z HD.64.SG-LB.2.21.Z HD.64.SG-LB.1.29.Z HD.64.SG-LB.2.29.Z HD.64.SG-LB.2.M32.Z Mit Korrosionsschutz With corrosion protection	1-1103346-2 1-1103348-2 1-1103350-2 1-1103352-2 0-1106469-3
	2xM32	29	HD-K.64.SG-LB.1.29.Z HD-K.64.SG-LB.2.M32.G	2-1103350-2 0-1106469-7
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction				
  	M25 2xM25	21 2x21	HB.24.SGD-LB.1.21.Z HB.24.SGD-LB.2.21.Z HB.24.SGD-LB.1.M25.Z HB.24.SGD-LB.2.M25.Z Mit Korrosionsschutz With corrosion protection	1-1102343-2 1-1102345-2 0-1103061-3 0-1106464-2
	2xM25	21	HB-K.24.SGD-LB.1.21.Z HB-K.24.SGD-LB.2.M25.z	2-1102343-2 0-1106464-6
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction				
  	2xM32	21 2x21 29 2x29	HD.64.SGD-LB.1.21.Z HD.64.SGD-LB.2.21.Z HD.64.SGD-LB.1.29.Z HD.64.SGD-LB.2.29.Z HD.64.SGD-LB.2.M32.Z Mit Korrosionsschutz With corrosion protection	1-1103360-2 1-1103362-2 1-1103364-2 1-1103366-2 0-1106469-2
	2xM32	29	HD-K.64.SGD-LB.1.29.Z HD-K.64.SGD-LB.2.M32.z	2-1103364-2 0-1106469-6

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.24, HB-K.24, HD.64, HD-K.64 Gehäuse/Housings**Baugröße/Size 8**

Pulverbeschichtet, silbergrau

K = korrosionsgeschützt, schwarz*Powder-coated, silver-grey***K** = *corrosion-resistant, black***Längsbügel am Unterteil/Side clip at housing bottom****IP 65**

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Kupplungsgehäuse: Kabeleingang unten, Hohe Bauform Cable-to-cable hood: Bottom entry, High construction  	M32	21 29	HD.64.KDO-LB.1.21.G HD.64.KDO-LB.1.29.G HD.64.KDO-LB.1.M32.G	1-1103355-2 1-1103358-2 0-1106468-1

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB-Z.24, HB-K/Z.24, HD-Z.64, HD-K/Z.64 Gehäuse/Housings

Baugröße/Size 8

Pulverbeschichtet, silbergrau

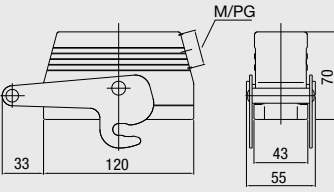
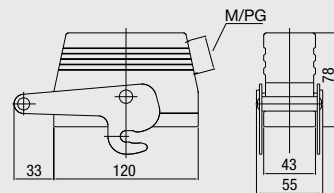
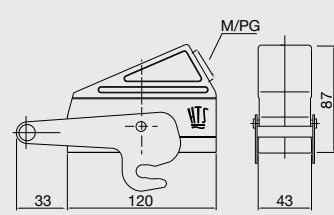
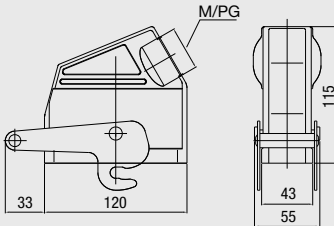
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Zentralbügel am Steckergehäuse/Central locking clip on hood

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction				
 	M32	21 29	HB-Z.24.STS-ZB.1.21.G HB-Z.24.STS-ZB.1.29.G HB-Z.24.STS-ZB.1.M32.G	1-1102316-3 1-1102319-3 1-1106465-9
			Mit Korrosionsschutz With corrosion protection	
	M32	29	HB-K/Z.24.STS-ZB.1.21.G HB-K/Z.24.STS-ZB.1.M32.G	2-1102316-3 1-1106465-5
Steckergehäuse: Kabeleingang seitlich, Hohe Bauform Hood: Side entry, High construction				
 	M32	21 29	HD-Z.64.STS-ZB.1.21.G HD-Z.64.STS-ZB.1.29.G HD-Z.64.STS-ZB.1.M32.G	1-1103336-3 1-1103338-3 1-1106470-8
			Mit Korrosionsschutz With corrosion protection	
	M32	29	HD-K/Z.64.STS-ZB.1.29.G HD-K/Z.64.STS-ZB.1.M32.G	2-1103338-3 1-1106470-6
Steckergehäuse: Kabeleingang seitlich, Keilform Hood: Side entry, Standard construction				
 	M32	21 29	HB-KF-Z.24.STS-ZB.1.21.G HB-KF-Z.24.STS-ZB.1.29.G HB-KF-Z.24.STS-ZB.1.M32.G	1-1102229-3 1-1102232-3 0-1106466-8
			Mit Korrosionsschutz With corrosion protection	
	M32	29	HB-KF/K-Z.24.STS-ZB.1.29.G HB-KF/K-Z.24.STS-ZB.1.M32.G	2-1102232-3 0-1106466-7
Steckergehäuse: Kabeleingang seitlich, Keilform Hood: Side entry, High construction				
 	M40	29 36	HD-KF-Z.64.STS-ZB.1.29.G HD-KF-Z.64.STS-ZB.1.36.G HD-KF-Z.64.STS-ZB.1.M40.G	1-1102405-3 1-1102408-3 0-1106471-9
			Mit Korrosionsschutz With corrosion protection	
		36	HD-KF/K-Z.64.STS-ZB.1.36.G	2-1102408-3

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB-Z.24, HB-K/Z.24, HD-Z.64, HD-K/Z.64 Gehäuse/Housings

Baugröße/Size 8

Pulverbeschichtet, silbergrau

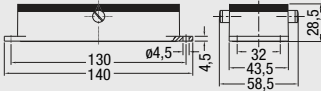
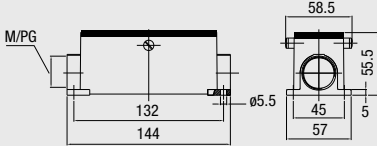
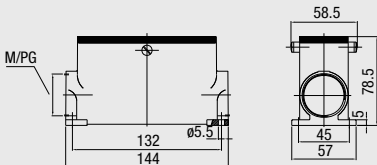
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Zentralbügel am Steckergehäuse/Central locking clip on hood

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction				
  Montageausschnitt/Panel cut-out			HB-Z.24.AG-ZVGR	1-1102291-8
			Mit Korrosionsschutz With corrosion protection	
			HB-K/Z.24.AG-ZVGR	2-1102291-8
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction				
 	2xM25	21 2x21	HB-Z.24.SG-ZVGR.1.21.Z HB-Z.24.SG-ZVGR.2.21.Z HB-Z.24.SG-ZVGR.2.M25.G	1-1102331-8 1-1102333-8 1-1106464-0
			Mit Korrosionsschutz With corrosion protection	
		21	HB-K/Z.24.SG-ZVGR.1.21.Z	2-1102331-8
Sockelgehäuse: Kabeleingang seitlich, Hohe Bauform Surface mounted housing: Side entry, High construction				
 	2xM32	21 29 2x29	HD-Z.64.SG-ZVGR.1.21.Z HD-Z.64.SG-ZVGR.1.29.Z HD-Z.64.SG-ZVGR.2.29.Z HD-Z.64.SG-ZVGR.2.M32.G	1-1103346-8 1-1103350-8 1-1103352-8 1-1106469-2
			Mit Korrosionsschutz With corrosion protection	
		29	HD-K/Z.64.SG-ZVGR.1.29.Z	2-1103350-8
		2x29	HD-K/Z.64.SG-ZVGR.2.29.Z	2-1103352-8
	2xM32		HD-K/Z.64.SG-ZVGR.2.M32.G	1-1106469-0

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HIP.24/64, HIP-K.24/64, EMV-K.24/64 Gehäuse/Housings

Baugröße/Size 8

HIP: Druckdicht, silbergrau, **HIP-K:** Korrosionsgeschützt, schwarz

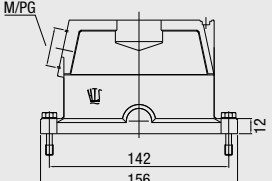
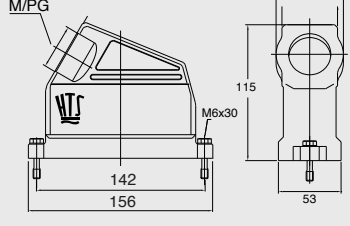
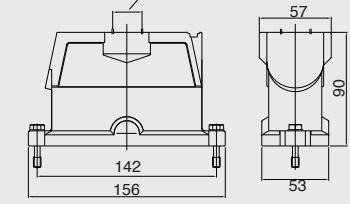
EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz

HIP: Pressure-tight, silver-grey, **HIP-K:** Housings corrosion-resistant, black

EMV-K: Protection against electro-magnetic interference, pressure-tight, housings corrosion-resistant, black

Druckdicht bis ≤ 5 bar/pressure-tight up to 5 bar

IP 68

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction				
 	M40	21 29	HIP HIP.24/64.STS.1.21.G HIP.24/64.STS.1.29.G HIP.24/64.STS.1.M40.G	1-1102658-5 1-1102660-5 0-1106473-2
	M40	29	HIP-K HIP-K.24/64.STS.1.29.G HIP-K.24/64.STS.1.M40.G	2-1102660-5 0-1106473-4
	M25 M32 M40	29	EMV-K EMV-K.24/64.STS.1.29.G EMV-K.24/64.STS.1.M25.G EMV-K.24/64.STS.1.M32.G EMV-K.24/64.STS.1.M40.G	4-1102755-5 0-1102983-1 0-1106461-8 0-1106461-3
Steckergehäuse: Kabeleingang seitlich, Keilform Hood: Side entry, Standard construction				
 	M40	29 36	HIP HIP-KF.24/64.STS.1.29.G HIP-KF.24/64.STS.1.36.G HIP-KF.24/64.STS.1.M40.G	1-1102622-5 1-1102623-5 0-1106474-1
	M40	29 36	HIP-K HIP-KF/K.24/64.STS.1.29.G HIP-KF/K.24/64.STS.1.36G HIP-KF/K.24/64.STS.1.M40.G	2-1102622-5 2-1102623-5 0-1106474-2
	M40	29 36	EMV-K EMV-KF/K.24/64.STS.1.29.G EMV-KF/K.24/64.STS.1.36.G EMV-KF/K.24/64.STS.1.M40.G	4-1102732-5 4-1102733-5 0-1106462-2
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction				
 	M40	21 29	HIP HIP.24/64.STO.1.21.G HIP.24/64.STO.1.29.G HIP.24/64.STO.1.M40.G	1-1102662-5 1-1102664-5 0-1106473-1
	2xM32 M40	29	HIP-K HIP-K.24/64.STO.1.29.G HIP-K.24/64.STO.2.M32.G HIP-K.24/64.STO.1.M40.G	2-1102664-5 0-1102792-1 0-1106473-3
	M40	29	EMV-K EMV-K.24/64.STO.1.29.G EMV-K.24/64.STO.1.M40.G	4-1102759-5 0-1106461-4

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HIP.24/64, HIP-K.24/64, EMV-K.24/64 Gehäuse/Housings

Baugröße/Size 8

HIP: Druckdicht, silbergrau, **HIP-K:** Korrosionsgeschützt, schwarz

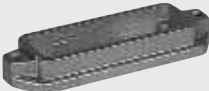
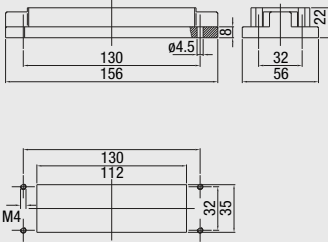
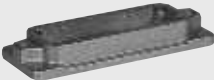
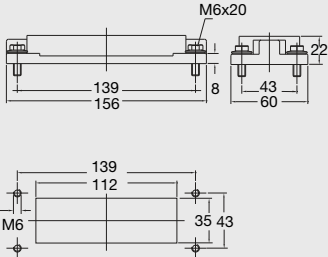
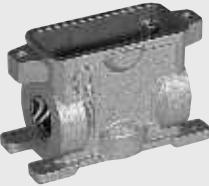
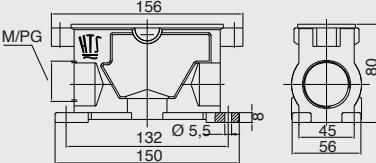
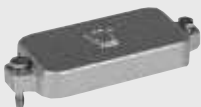
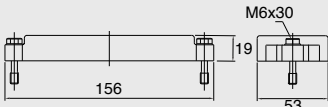
EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz

HIP: Pressure-tight, silver-grey, **HIP-K:** Housings corrosion-resistant, black

EMV-K: Protection against electro-magnetic interference, pressure-tight, housings corrosion-resistant, black

Druckdicht bis ≤ 5 bar/pressure-tight up to 5 bar

IP 68

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction	 		HIP HIP.24/64.AG	1-1102665-5
			HIP-K HIP-K.24/64.AG	2-1102665-5
			EMV-K EMV-K.24/64.AG	4-1102760-5
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction	 		HIP HIP.24/64.AG.M6	1-1102626-5
			HIP-K HIP-K.24/64.AG.M6 HIP-K.24/64.AG.M6.D HIP-K-1.24/64.AG.M6.D	2-1102626-5 2-1102628-5 0-1108533-1
			EMV-K EMV-K.24/64.AG.M6	4-1102736-5
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction	 	29 2x29	HIP HIP.24/64.SG.1.29.G HIP.24/64.SG.2.29.G HIP.24/64.SG.2.M40.G	1-1102624-5 1-1102625-5 0-1106472-1
		29 2x29	HIP-K HIP-K.24/64.SG.1.29.G HIP-K.24/64.SG.2.29.G HIP-K.24/64.SG.2.M40.G	5-1102624-5 2-1102625-5 0-1106472-2
		29 2x29	EMV-K EMV-K.24/64.SG.1.29.G EMV-K.24/64.SG.2.29.G EMV-K.24/64.SG.2.M40.G	4-1102734-5 4-1102735-5 0-1106460-2
Schutzkappe für Gehäuse-Unterteile Protective covers housings	 		HIP HIP/EMV.24/64.SKB	3-1106204-5
			HIP-K/EMV-K HIP-K/EMV-K.24/64.SKB	4-1106204-5

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HA.48 Kontakteinsätze/Contact inserts

Baugröße/Size 9

Schraubanschluss, Federzug-Anschluss,
Crimpanschluss für gedrehte HE/HA Crimpkontakte

Kontaktzahlen
No. of contacts

Screw terminal, Spring Clamp terminal,
Crimp terminal for screw machined HE/HA crimp contacts

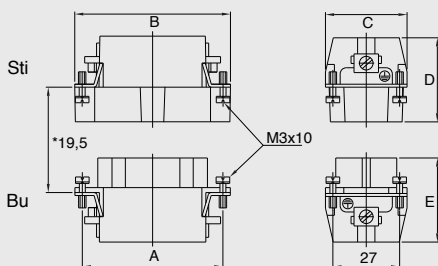
(3 x 16) **48** + 

250 V/16 A

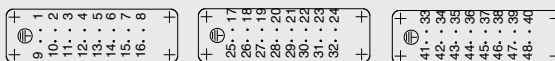
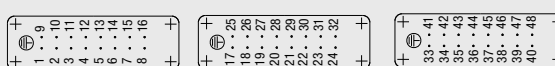
Bezeichnung Description		Bestelltext Designation	Bestell-Nr./ Order No.		
			Stifteinsatz Male insert	Buchseinsatz Female insert	
Stifteinsatz/ Male insert					
Schraubanschluss/ Screw terminal					
		HA.16.Sti.S.B 1-16 HA.16.Sti.S.B 17-32 HA.16.Sti.S.B 33-48	1-1103416-1 1-1103416-7 1-1103416-8		
		HA.16.Bu.S.B 1-16 HA.16.Bu.S.B 17-32 HA.16.Bu.S.B 33-48		1-1103417-1 1-1103417-7 1-1103417-8	
Federzug-Anschluss/ Spring Clamp terminal					
		HA.16.Sti.SC.B 1-16 HA.16.Sti.SC.B 17-32 HA.16.Sti.SC.B 33-48	7-1103416-1 7-1103416-7 7-1103416-8		
		HA.16.Bu.SC.B 1-16 HA.16.Bu.SC.B 17-32 HA.16.Bu.SC.B 33-48		7-1103417-1 7-1103417-7 7-1103417-8	
Crimpanschluss/ Crimp terminal					
		HA.16.Sti.C.B 1-16 HA.16.Sti.C.B 17-32 HA.16.Sti.C.B 33-48	2-1103416-3 2-1103416-7 2-1103416-8		
		HA.16.Bu.C.B 1-16 HA.16.Bu.C.B 17-32 HA.16.Bu.C.B 33-48		2-1103417-3 2-1103417-7 2-1103417-8	
Maße/ Dimensions					
mm	A	B	C	D	E
	77,5	83,5	33	34	35

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm/Dimensions mm



*Abstand für sichere Kontaktgabe max. 21 mm

Anschlußseite Stift
Contact arrangement Male insertAnschlußseite Buchse
Contact arrangement Female insert

HA.48 Gehäuse/Housings

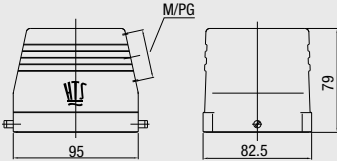
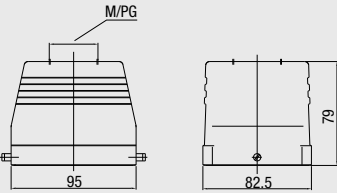
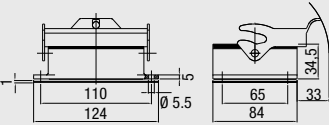
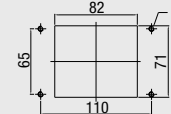
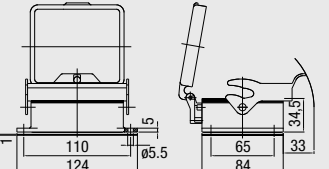
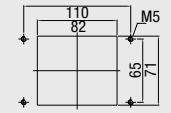
Baugröße/Size 9

Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction	M32	29	HA.48.STS-GR.1.29.G HA.48.STS-GR.1.M32.G	1-1102172-7 0-1102877-1
 				
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction	M32	29	HA.48.STO-GR.1.29.G HA.48.STO-GR.1.M32.G	1-1102175-7 0-1102877-2
 				
Anbaugehäuse: Kabeleingang unten Surface mounted housing: Bottom en			HA.48.AG-LB	1-1102176-2
   Montageausschnitt Panel cut-out				
Anbaugehäuse: Kabeleingang unten Surface mounted housing with covers: Bottom entry			HA.48.AGD-LB	1-1102177-2
   Montageausschnitt Panel cut-out				

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HA.48 Gehäuse/Housings

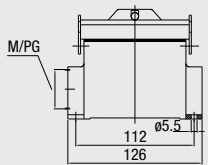
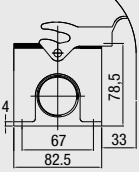
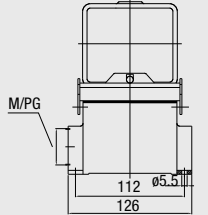
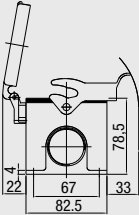
Baugröße/Size 9

Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction				
  		29 2x29	HA.48.SG-LB.1.29.Z HA.48.SG-LB.2.29.Z	1-1102179-2 1-1102181-2
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction				
  	M32 2xM32	29 2x29	HA.48.SGD-LB.1.29.Z HA.48.SGD-LB.2.29.Z HA.48.SGD-LB.1.M32.G HA.48.SGD-LB.2.M32.G	1-1102183-2 1-1102185-2 0-1102879-1 0-1102879-2

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HE.32 Kontakteinsätze/Contact inserts**Baugröße/Size 10**

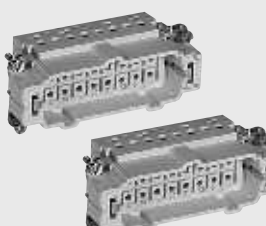
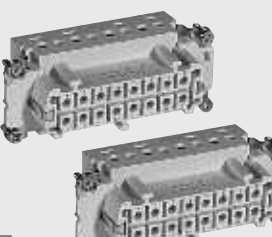
Schraubanschluss, Federzug-Anschluss,
Crimpanschluss für gedrehte HE Crimpkontakte

Kontaktzahlen
No. of contacts

*Screw terminal, Spring Clamp terminal,
Crimp terminal for screw machined HE crimp contacts*

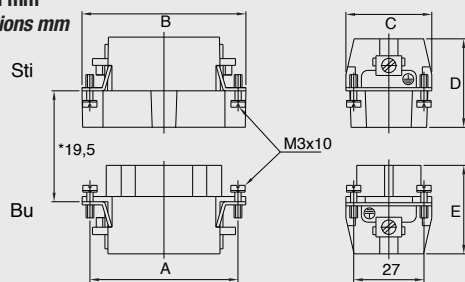
(2 x 16) **32** + 

400 V/16 A

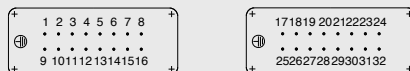
Bezeichnung Description		Bestelltext Designation	Bestell-Nr./Order No.		
			Stifteinsatz Male insert	Buchseinsatz Female insert	
Stifteinsatz/Male insert					
Schraubanschluss/Screw terminal					
		HE.16.Sti.S.B 1-16 HE.16.Sti.S.B 17-32	1-1103638-1 1-1103638-9		
		HE.16.Bu.S.B 1-16 HE.16.Bu.S.B 17-32		1-1103639-1 1-1103639-9	
Federzug-Anschluss/Spring Clamp terminal					
		HE.16.STI.SC.B. 1-16 HE.16.STI.SC.B.17-32	7-1103638-1 7-1103638-9		
		HE.16.BU.SC.B. 1-16 HE.16.BU.SC.B.17-32		7-1103639-1 7-1103639-9	
Crimpanschluss/Crimp terminal					
		HE.16.Sti.C.B 1-16 HE.16.Sti.C.B 17-32	2-1103638-3 2-1103638-9		
		HE.16.Bu.C.B 1-16 HE.16.Bu.C.B 17-32		2-1103639-3 2-1103639-9	
Maße/Dimensions					
mm	A	B	C	D	E
	77,5	83,5	33	34	35

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm
Dimensions mm



Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



HSB.12/35 Kontakteinsätze/Contact inserts

Schraubanschluss

Screw terminal

Baugröße/Size 10

Kontaktzahlen

No. of contacts

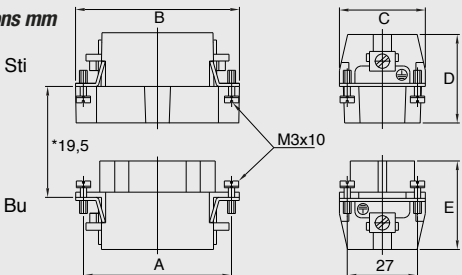
(2 x 6) **12** + 

400 V/35 A

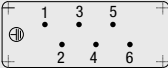
Bezeichnung Description		Bestelltext Designation	Bestell-Nr./Order No.	
			Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert	Buchseinsatz/Female insert			
Schraubanschluss/Screw terminal				
		HSB.6/35.Sti.S 1-6 HSB.6/35.Sti.S 7-12	1-1104204-1 1-1104206-1	
		HSB.6/35.Bu.S 1-6 HSB.6/35.Bu.S 7-12		1-1104205-1 1-1104207-1

Maße/Dimensions	A	B	C	D	E
mm	77,5	83,5	33	33	33,5

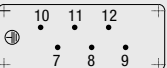
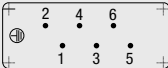
Maßbild mm
Dimensions mm



Anschlußseite Stift
Contact arrangement Male insert



Anschlußseite Buchse
Contact arrangement Female insert



156

Verbindlich für Toleranzen der Abmessungen und technische Werte sind ausschließlich die neuesten TE Connectivity Kundenzeichnungen bzw. Produkt-Spezifikationen, die Sie auf Anfrage erhalten.
All specifications subject to change. Consult TE Connectivity for latest design specifications.

HN.D.80/HN.2D.144 Kontakteinsätze/Contact inserts

Baugröße/Size 10

Crimpanschluss für gedrehte HN.D Crimpkontakte

Kontaktzahlen

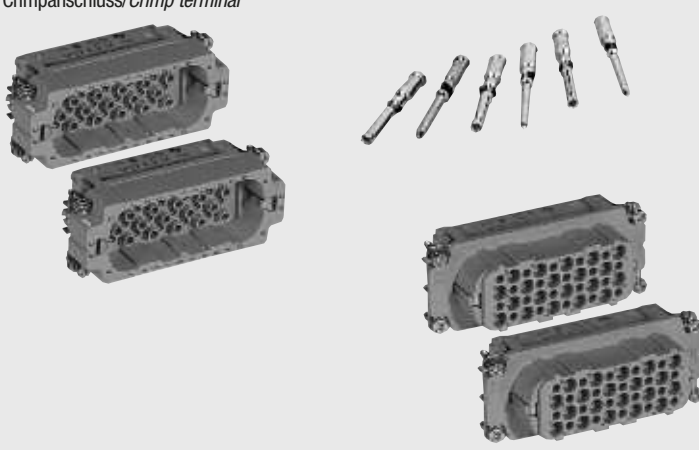
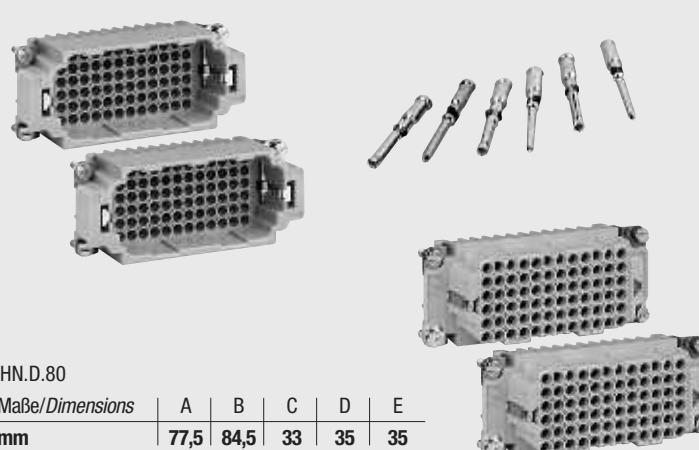
No. of contacts

Crimp terminal for screw machined HN.D crimp contacts

(2 x 40/2 x 72)

80/144 + 

250 V/10 A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert Buchseinsatz/Female insert Crimpanschluss/Crimp terminal 	2xHN.D.40.Sti.C 2xHN.D.40.BU.C	2-1103110-3	2-1103111-3
Crimpanschluss/Crimp terminal 	HN.2D.72.Sti.C.B 1-72 HN.2D.72.Sti.C.B 73-144 HN.2D.72.Bu.C.B 1-72 HN.2D.72.Bu.C.B 73-144	2-1103208-3 2-1103209-3 2-1103212-3 2-1103213-3	

HN.D.80

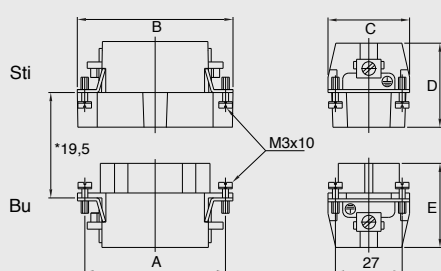
Maße/Dimensions	A	B	C	D	E
mm	77,5	84,5	33	35	35

HN.2D.144

Maße/Dimensions	A	B	C	D	E
mm	77,5	83,5	34	36,5	37

Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
 Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

Maßbild mm/Dimensions mm



*Abstand für sichere Kontaktgabe max. 21 mm

Anschlußseite Stift/Contact arrangement Male insert

HN.D.80

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

HN.2D.144

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48

Anschlußseite Buchse/Contact arrangement Female insert

HN.D.80

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

HN.2D.144

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48

HD.80 Kontakteinsätze/Contact inserts

Baugröße/Size 10

Crimpanschluss für gestanzte HD.M Crimpkontakte

Kontaktzahlen

No. of contacts

Crimp terminal for stamped HD.M crimp contacts

(2 x 40) **80** + 

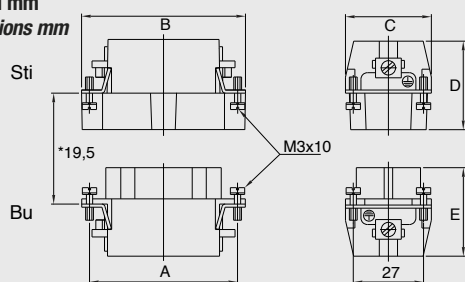
250 V/10 A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert Buchseinsatz/Female insert Schraubanschluss/Screw terminal			
	2xHD.40.Sti.C	2-1103012-3	
	2xHD.40.Bu.C		2-1103013-3

Maße/Dimensions	A	B	C	D	E
mm	77,5	84,5	33	35	35

Passende Crimpkontakte siehe Seite 35, Passende Crimpwerkzeuge siehe Seite 35
 Suitable Crimp contacts see page 35, Suitable Crimping tools see page 35

Maßbild mm
 Dimensions mm



*Abstand für sichere Kontaktgabe max. 21 mm

Anschlußseite Stift

Contact arrangement Male insert



Anschlußseite Buchse

Contact arrangement Female insert



Modul Halterahmen/Module Fixing Frame

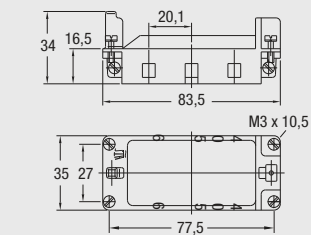
Baugröße/Size 10

Bezeichnung Description

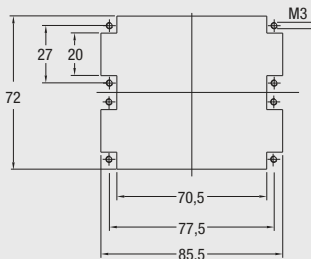
Halterahmen/Fixing frame



Für Modul MDL Seite 194–203
For module MDL page 194–203



Montageausschnitt/Panel cut-out

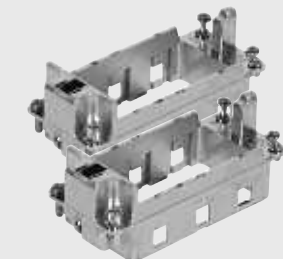


MDL2-GR.O-6/B.1-3
MDL2-GR.O-6/B.4-6

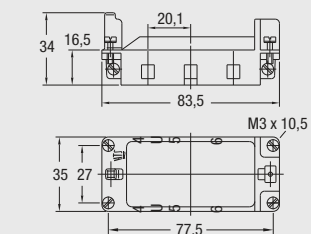
Bestell-Nr./Order No. Oberteil Top part

0-1108782-1
0-1108782-4

Unterteil Bottom part



Für Modul MDL Seite 194–203
For module MDL page 194–203



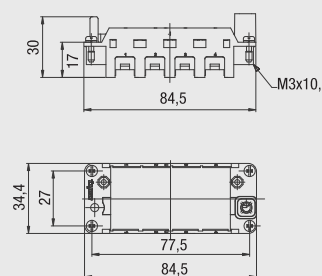
MDL2-GR.U-6/B.1-3
MDL2-GR.U-6/B.4-6

0-1108782-2
0-1108782-5

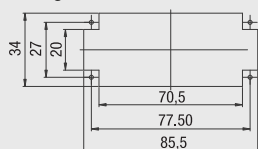
Halterahmen/Fixing frame



Für Modul HVS Seite 204–212
For module HVS page 204–212



Montageausschnitt/Panel cut-out



HVS-R.O 1-4
HVS-R.U 1-4

0-1103250-3

0-1103250-4

HB.32, HB-K.32 Gehäuse/Housings

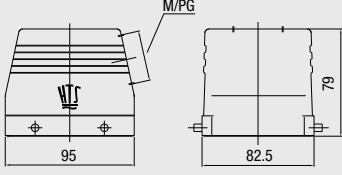
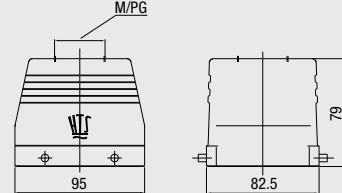
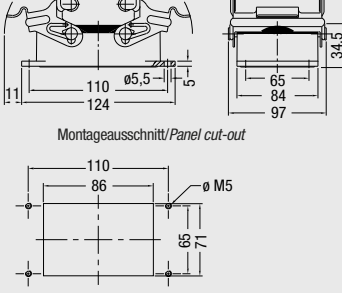
Baugröße/Size 10

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

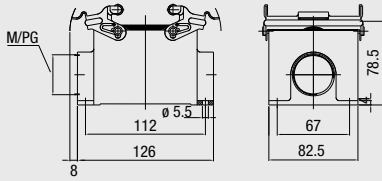
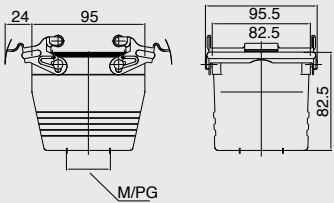
Verschlussbügel am Unterteil/Locking clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction				
 	M40	29	HB.32.STS.1.29.G HB.32.STS.1.M40.G	1-1102348-6 0-1106477-4
			Mit Korrosionsschutz With corrosion protection	
	M40	29	HB-K.32.STS.1.29.G HB-K.32.STS.1.M40.G	2-1102348-6 1-1106477-0
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction				
 	M40	29	HB.32.STO.1.29.G HB.32.STO.1.M40.G	1-1102351-6 0-1106477-1
			Mit Korrosionsschutz With corrosion protection	
	M40	29	HB-K.32.STO.1.29.G HB-K.32.STO.1.M40.G	2-1102351-6 0-1106477-7
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction				
 			HB.32.AG-VS	1-1102352-1
			Mit Korrosionsschutz With corrosion protection	
			HB-K.32.AG-VS	2-1102352-1

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.32, HB-K.32 Gehäuse/Housings**Baugröße/Size 10****Pulverbeschichtet, silbergrau****K = korrosionsgeschützt, schwarz****Powder-coated, silver-grey****K = corrosion-resistant, black****Verschlussbügel am Unterteil/Locking clip at housing bottom****IP 65**

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction				
 	2xM32	29 2x29	HB.32.SG-VS.1.29.Z HB.32.SG-VS.2.29.Z HB.32.SG-VS.2.M32.Z Mit Korrosionsschutz With corrosion protection	1-1102354-1 1-1102356-1 0-1106476-4
Kupplungsgehäuse: Kabeleingang unten, Standard Bauform Cable-to-cable hood: Bottom entry, Standard construction				
 	M40	29	HB.32.KDO-VS.1.29.G HB.32.KDO-VS.1.M40.G	1-1102359-1 0-1106475-2

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.32, HB-K.32 Gehäuse/Housings

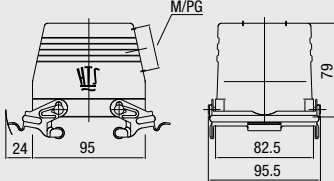
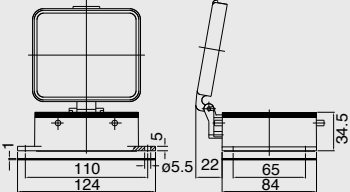
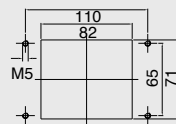
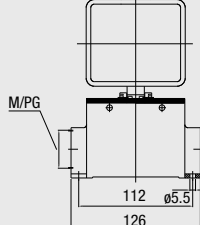
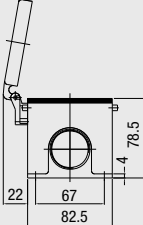
Baugröße/Size 10

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Verschlussbügel am Oberteil/Locking clip on hood

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction				
 	M40	29	HB.32.STS-VS.1.29.G HB.32.STS-VS.1.M40.G	1-1102348-1 0-1106477-6
	M40		Mit Korrosionsschutz With corrosion protection HB-K.32.STS-VS.1.M40.G	1-1106477-2
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction				
   Montageausschnitt Panel cut-out			HB.32.AGD	1-1102360-6
			Mit Korrosionsschutz With corrosion protection HB-K.32.AGD	2-1102360-6
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction				
  	2xM32	29 2x29	HB.32.SGD.1.29.Z HB.32.SGD.2.29.Z HB.32.SGD.2.M32.Z	1-1102362-6 1-1102364-6 0-1106476-1
	2xM32		Mit Korrosionsschutz With corrosion protection HB-K.32.SGD.2.M32.Z	0-1106476-5

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.32, HB-K.32 Gehäuse/Housings

Baugröße/Size 10

Pulverbeschichtet, silbergrau

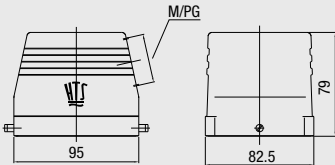
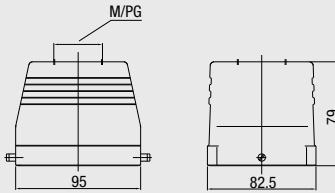
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction				
 	M40	29	HB.32.STS-GR.1.29.G HB.32.STS-GR.1.M40.G Mit Korrosionsschutz With corrosion protection	1-1102348-7 0-1106477-5
	M40	29	HB-K.32.STS-GR.1.29.G HB-K.32.STS-GR.1.M40.G	2-1102348-7 1-1106477-1
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction				
 	M40	29	HB.32.STO-GR.1.29.G HB.32.STO-GR.1.M40.G Mit Korrosionsschutz With corrosion protection	1-1102351-7 0-1106477-2
	M40	29	HB-K.32.STO-GR.1.29.G HB-K.32.STO-GR.1.M40.G	2-1102351-7 0-1106477-8

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.16, HB-K.16 Gehäuse/Housings

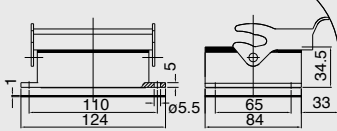
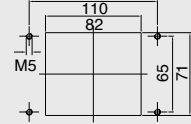
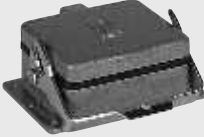
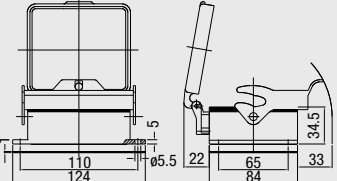
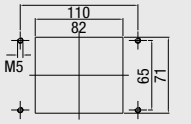
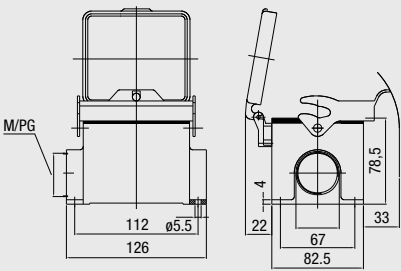
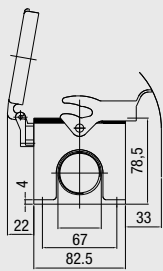
Baugröße/Size 10

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Verschlussbügel am Unterteil/Locking clip at housing bottom

IP 65

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction			HB.32.AG-LB	1-1102352-2
   Montageausschnitt Panel cut-out			Mit Korrosionsschutz With corrosion protection HB-K.32.AG-LB	2-1102352-2
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction			HB.32.AGD-LB	1-1102360-2
   Montageausschnitt Panel cut-out			Mit Korrosionsschutz With corrosion protection HB-K.32.AGD-LB	2-1102360-2
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction	2xM32	29	HB.32.SGD-LB.1.29.Z	1-1102362-2
   M/PG			HB.32.SGD-LB.2.M32.Z	0-1106476-2

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB-Z.32, HB-K/Z.32 Gehäuse/Housings

Baugröße/Size 10

Pulverbeschichtet, silbergrau

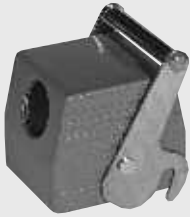
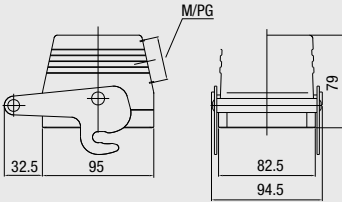
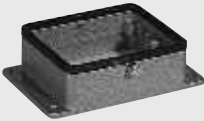
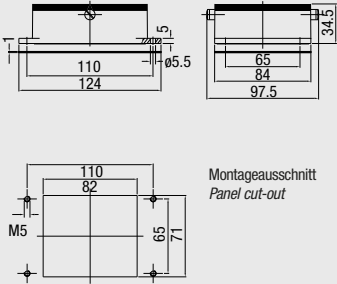
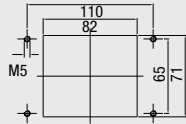
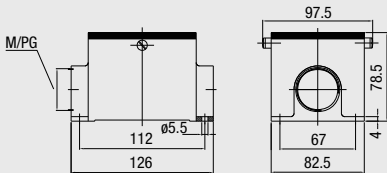
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Zentralbügel am Steckergehäuse/Central locking clip on hood

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction				
 	M40	29	HB-Z.32.STS-ZB.1.29.G HB-Z.32.STS-ZB.1.M40.G Mit Korrosionsschutz With corrosion protection	1-1102348-3 1-1106477-6
	M40	29	HB-K/Z.32.STS-ZB.1.29.G HB-K/Z.32.STS-ZB.1.M40.G	2-1102348-3 1-1106477-4
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction				
  			HB-Z.32.AG-ZVGR Mit Korrosionsschutz With corrosion protection HB-K/Z.32.AG-ZVGR	1-1102352-8 2-1102352-8
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction				
 		29 2x29	HB-Z.32.SG-ZVGR.1.29.Z HB-Z.32.SG-ZVGR.2.29.Z	1-1102354-8 1-1102356-8

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HA.64 Kontakteinsätze/*Contact inserts*

Baugröße/Size 11

Schraubanschluss, Federzug-Anschluss, Crimpanschluss für gedrehte HE Crimpkontakte

Kontaktzahlen
No. of contacts

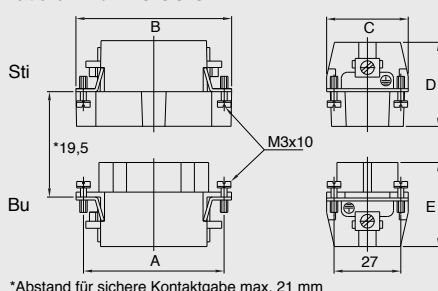
***Screw terminal, Spring Clamp terminal,
Crimp terminal for screw machined HE crimp contacts***

(4 x 16) **64** + 

250 V/16 A

Bezeichnung Description		Bestelltext Designation	Bestell-Nr./Order No. Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert	Buchseinsatz/Female insert			
Schraubanschluss/Screw terminal		HA.16.Sti.S.B 1-16 HA.16.Sti.S.B 17-32 HA.16.Sti.S.B 33-48 HA.16.Sti.S.B 49-64	1-1103416-1 1-1103416-7 1-1103416-8 1-1103416-9	
		HA.16.Bu.S.B 1-16 HA.16.Bu.S.B 17-32 HA.16.Bu.S.B 33-48 HA.16.Bu.S.B 49-64		1-1103417-1 1-1103417-7 1-1103417-8 1-1103417-9
Federzug-Anschluss/Spring Clamp terminal		HA.16.Sti.SC.B 1-16 HA.16.Sti.SC.B 17-32 HA.16.Sti.SC.B 33-48 HA.16.Sti.SC.B 49-64	7-1103416-1 7-1103416-7 7-1103416-8 7-1103416-9	
		HA.16.Bu.SC.B 1-16 HA.16.Bu.SC.B 17-32 HA.16.Bu.SC.B 33-48 HA.16.Bu.SC.B 49-64		7-1103417-1 7-1103417-7 7-1103417-8 7-1103417-9
Crimpanschluss/Crimp terminal		HA.16.Sti.C.B 1-16 HA.16.Sti.C.B 17-32 HA.16.Sti.C.B 33-48 HA.16.Sti.C.B 49-64	2-1103416-3 2-1103416-7 2-1103416-8 2-1103416-9	
		HA.16.Bu.C.B 1-16 HA.16.Bu.C.B 17-32 HA.16.Bu.C.B 33-48 HA.16.Bu.C.B 49-64		2-1103417-3 2-1103417-7 2-1103417-8 2-1103417-9
Maße/Dimensions	A B C D E			
mm	77.5 83.5 33 34 35			

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
 Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm/*Dimensions mm*

*Abstand für sichere Kontaktgabe max. 21 mm

Anschlußseite Stift/Contact arrangement Male insert

9..1	55..17	41..33
10..2	56..18	42..34
11..3	57..19	43..35
12..4	58..20	44..36
13..5	59..21	45..37
14..6	60..22	46..38
15..7	61..23	47..39
16..8	62..24	48..40

Anschlußseite Buchse/Contact arrangement Female insert

7 . 25	9 . 57
8 . 26	0 . 58
9 . 27	1 . 59
10 . 28	2 . 60
11 . 29	3 . 61
12 . 30	4 . 62
13 . 31	5 . 63
14 . 32	6 . 64

HA.64 Gehäuse/Housings

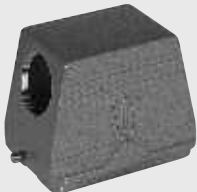
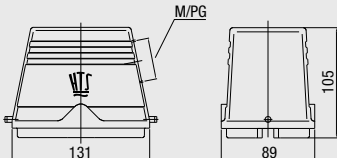
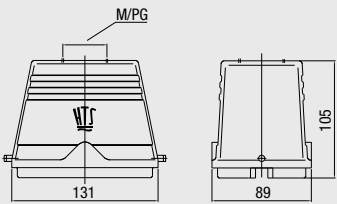
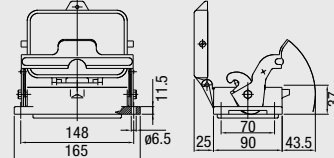
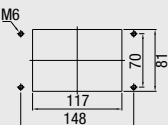
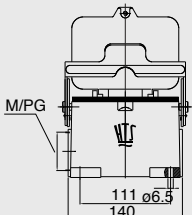
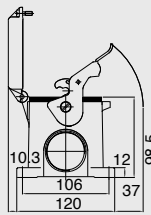
Baugröße/Size 11

Pulverbeschichtet, silbergrau

Powder-coated, silver-grey

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction  	M50	29 36 42	HA.64.STS-GR.1.29.G HA.64.STS-GR.1.36.G HA.64.STS-GR.1.42.G HA.64.STS-GR.1.M50.G	1-1102002-7 1-1102005-7 1-1102008-7 0-1106480-2
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction  	M50	29 36 42	HA.64.STO-GR.1.29.G HA.64.STO-GR.1.36.G HA.64.STO-GR.1.42.G HA.64.STO-GR.1.M50.G	1-1102027-7 1-1102030-7 1-1102033-7 0-1106480-1
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction    Montageausschnitt Panel cut-out			HA.64.AGD-LB	1-1102009-2
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction   	2xM40	29 2x29 36 2x36	HA.64.SGD-LB.1.29.Z HA.64.SGD-LB.2.29.Z HA.64.SGD-LB.1.36.Z HA.64.SGD-LB.2.36.Z HA.64.SGD-LB.2.M40.Z	1-1102011-2 1-1102013-2 1-1102015-2 1-1102017-2 01106479-1

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HE.48 Kontakteinsätze/Contact inserts**Baugröße/Size 12**

Schraubanschluss, Federzug-Anschluss,
Crimpanschluss für gedrehte HE Crimpkontakte

Kontaktzahlen
No. of contacts

*Screw terminal, Spring Clamp terminal,
Crimp terminal for screw machined HE crimp contacts*

(2 x 24) **48+** 

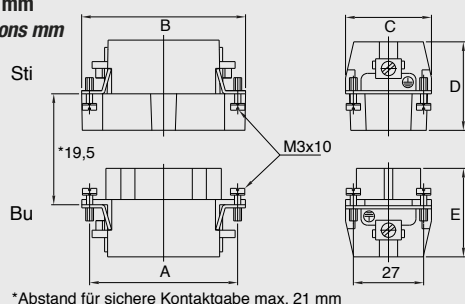
400 V/16 A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Stifteinsatz/Male insert Schraubanschluss/Screw terminal   Federzug-Anschluss/Spring Clamp terminal   Crimpanschluss/Crimp terminal  	HE.24.Sti.S.B 1-24 HE.24.Sti.S.B 25-48 HE.24.Bu.S.B 1-24 HE.24.Bu.S.B 25-48 HE.24.Sti.SC.B 1-24 HE.24.Sti.SC.B 25-48 HE.24.Bu.SC.B 1-24 HE.24.Bu.SC.B 25-48 HE.24.Sti.C.B 1-24 HE.24.Sti.C.B 25-48 HE.24.Bu.C.B 1-24 HE.24.Bu.C.B 25-48	1-1103640-1 1-1103640-9 1-1103641-1 1-1103641-9 7-1103640-1 7-1103640-9 7-1103641-1 7-1103641-9 2-1103640-3 2-1103640-9 2-1103641-3 2-1103641-9	

Maße/Dimensions	A	B	C	D	E
mm	104	110	33	34	35

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm
Dimensions mm



Anschlußseite Stift
Contact arrangement Male insert

1 2 3 4 5 6 7 8 9 10 11 12	252627282930313233343536
131415161718192021222324	373839404142434445464748

Anschlußseite Buchse
Contact arrangement Female insert

131415161718192021222324	373839404142434445464748
1 2 3 4 5 6 7 8 9 10 11 12	252627282930313233343536

HN.D.128/HN.2D.216 Kontakteinsätze/*Contact inserts*

Baugröße/Size 12

Crimpanschluss für gedrehte HN.D Crimpkontakte

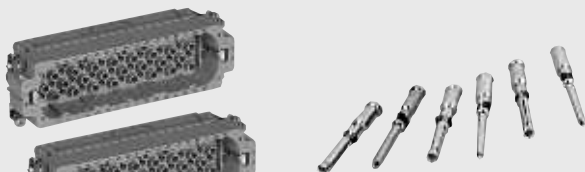
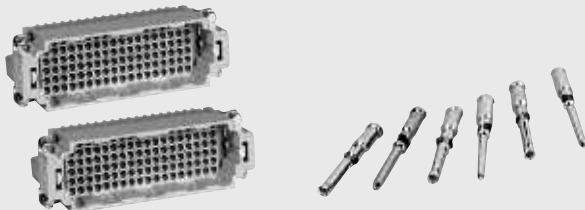
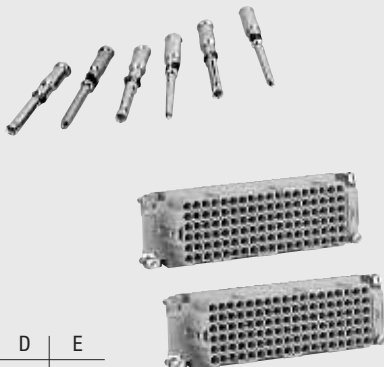
Kontaktzahlen

No. of contacts

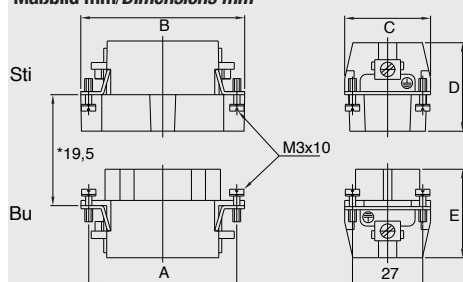
Crimp terminal for screw machined HN.D crimp contacts

(2 x 64/2 x 108) 128/216 + 

250 V/10 A

Bezeichnung Description		Bestelltext Designation	Bestell-Nr./Order No. Stifteinsatz Male insert		Buchseneinsatz Female insert	
Stifteinsatz/Male insert						
Buchseneinsatz/Female insert						
Crimpanschluss/Crimp terminal						
		2xHN.D.64.Sti.C		2-1103112-3		
		2xHN.D.64.BU.C			2-1103113-3	
Crimpanschluss/Crimp terminal						
		HN.2D.108.Sti.C.B 1-108 HN.2D.108.Sti.C.B 109-216		2-1103216-3 2-1103217-3		
		HN.2D.108.Bu.C.B 1-108 HN.2D.108.Bu.C.B 109-216			2-1103220-3 2-1103221-3	
HN.D.128						
Maße/Dimensions						
mm	A	B	C	D	E	
	104	110	33	35	35	
HN.2D.216						
Maße/Dimensions						
mm	A	B	C	D	E	
	104	110	34	36,5	37	

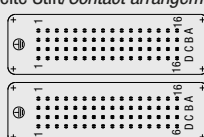
Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
 Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

Maßbild mm/Dimensions mm

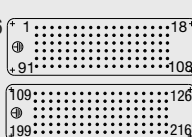
*Abstand für sichere Kontaktgabe max. 21 mm

Anschlußseite Stift/Contact arrangement Male insert

HN.D.128

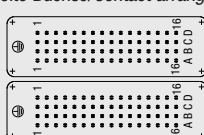


HN.2D.216

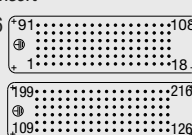


Anschlußseite Buchse/*Contact arrangement Female insert*

HN.D.128



HN.2D.216



HD.128/HEE 92 Kontakteinsätze/Contact inserts

Baugröße/Size 12

Crimpanschluss für gestanzte HD.M Crimpkontakte (HD.128)

Kontaktzahlen

Crimpanschluss für gedrehte HVT Crimpkontakte (HEE 92)

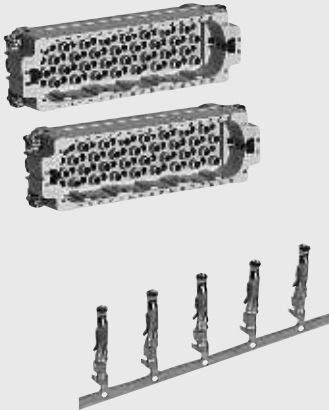
No. of contacts

Crimp terminal for stamped HD.M crimp contacts (HD.128)

Crimp terminal for screw machined HVT crimp contacts (HEE 92)

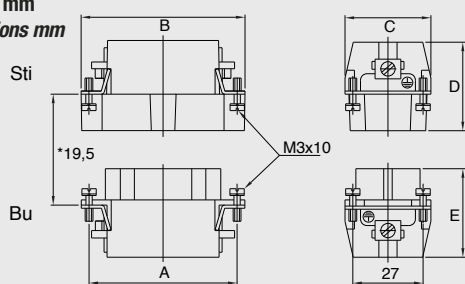
(2 x 64)/(2 x 46) **128/92** + 

250 V/10 A / 500 V/16 A

Bezeichnung Description		Bestelltext Designation	Bestell-Nr./ Order No. Stifteinsatz Male insert	Buchseinsatz Female insert	
Stifteinsatz/Male insert	Buchseinsatz/Female insert				
Crimpanschluss/Crimp terminal					
		2xHD.64.Sti.C	2-1103032-3		
		2xHD.64.Bu.C		2-1103033-3	
		HEE.46.Sti.C HEE.46.Sti.C.B47-92	0-1102886-1 0-1102886-2		
		HEE.46.Bu.C HEE.46.Bu.C.B47-92		0-1102887-1 0-1102887-2	
HD.128					
Maße/Dimensions	A	B	C	D	E
mm	104	110	33	35	35
HEE.92					
Maße/Dimensions	A	B	C	D	E
mm	104	110	33	34	37

Passende Crimpkontakte siehe Seite 35/37, Passende Crimpwerkzeuge siehe Seite 35/37
 Suitable Crimp contacts see page 35/37, Suitable Crimping tools see page 35/37

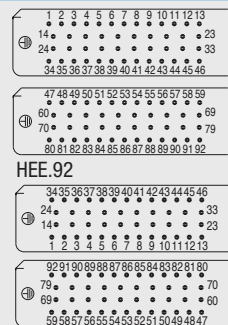
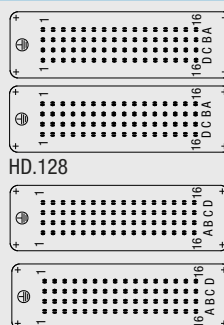
Maßbild mm
 Dimensions mm



*Abstand für sichere Kontaktgabe max. 21 mm

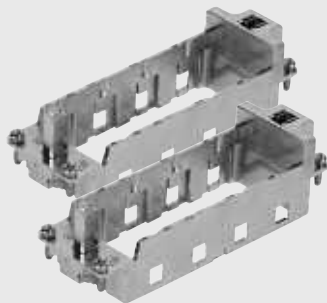
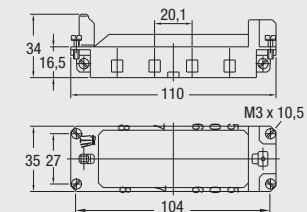
Anschlußseite Stift/
 Contact arrangement
 Male insert

Anschlußseite Buchse/
 Contact arrangement
 Female insert

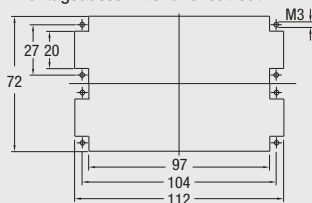
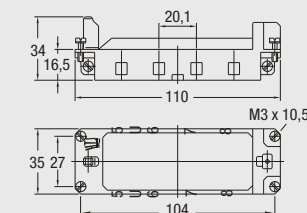


Modul Halterahmen/Module Fixing Frame**Baugröße/Size 12****Bezeichnung
Description**

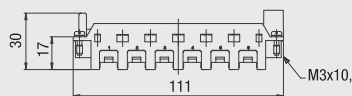
Halterahmen/Fixing frame

Für Modul MDL Seite 194–203
For module MDL page 194–203

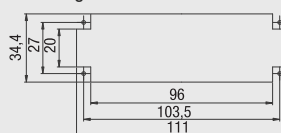
Montageausschnitt/Panel cut-out

MDL2-GR.O-8/B.1-4
MDL2-GR.O-8/B.5-80-1108780-1
0-1108780-6Für Modul MDL Seite 194–203
For module MDL page 194–203MDL2-GR.U-8/B.1-4
MDL2-GR.U-8/B.5-80-1108780-2
0-1108780-7

Halterahmen/Fixing frame

Für Modul HVS Seite 204–212
For module HVS page 204–212

Montageausschnitt/Panel cut-out

HVS-R.O 1-6
HVS-R.U 1-6

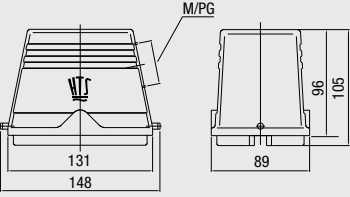
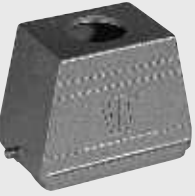
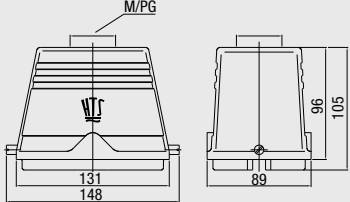
0-1103250-1

0-1103250-2

HB.48, HB-K.48 Gehäuse/Housings**Baugröße/Size 12**

Pulverbeschichtet, silbergrau

K = korrosionsgeschützt, schwarz*Powder-coated, silver-grey***K** = *corrosion-resistant, black***Längsbügel am Unterteil/Side clip at housing bottom****IP 65**

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction				
 	M50	29	HB.48.STS-GR.1.29.G	1-1102373-7
		36	HB.48.STS-GR.1.36.G	1-1102376-7
		42	HB.48.STS-GR.1.42.G	1-1102379-7
			HB.48.STS-GR.1.M50.G	0-1106482-2
			Mit Korrosionsschutz With corrosion protection	
	M50	36	HB-K.48.STS-GR.1.36.G	2-1102376-7
			HB-K.48.STS-GR.1.M50.G	0-1106482-4
Steckergehäuse: Kabeleingang oben, Standard Bauform Hood: Top entry, Standard construction				
 	M50	29	HB.48.STO-GR.1.29.G	1-1102382-7
		36	HB.48.STO-GR.1.36.G	1-1102385-7
		42	HB.48.STO-GR.1.42.G	1-1102388-7
			HB.48.STO-GR.1.M50.G	0-1106482-1
			Mit Korrosionsschutz With corrosion protection	
	M50	36	HB-K.48.STO-GR.1.36.G	2-1102385-7
			HB-K.48.STO-GR.1.M50.G	0-1106482-6

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB.48, HB-K.48 Gehäuse/Housings

Baugröße/Size 12

Pulverbeschichtet, silbergrau
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey
K = corrosion-resistant, black

Längsbügel am Unterteil/Side clip at housing bottom

IP 65

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: Bottom entry, Standard construction			HB.48.AGD-LB Mit Korrosionsschutz With corrosion protection HB-K.48.AGD-LB	1-1102389-2 2-1102389-2
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction	2xM40	29 2x29 36 2x36	HB.48.SG-LB.1.29.Z HB.48.SG-LB.2.29.Z HB.48.SG-LB.1.36.Z HB.48.SG-LB.2.36.Z HB.48.SG-LB.2.M40.Z Mit Korrosionsschutz With corrosion protection HB-K.48.SG-LB.1.36.Z HB-K.48.SG-LB.2.36.Z	1-1102391-2 1-1102393-2 1-1102395-2 1-1102397-2 0-1106481-2 2-1102395-2 2-1102397-2
Sockelgehäuse: Kabeleingang seitlich, Standard Bauform Surface mounted housing: Side entry, Standard construction	2xM40	29 2x29 36 2x36	HB.48.SGD-LB.1.29.Z HB.48.SGD-LB.2.29.Z HB.48.SGD-LB.1.36.Z HB.48.SGD-LB.2.36.Z HB.48.SGD-LB.2.M40.Z Mit Korrosionsschutz With corrosion protection HB-K.48.SGD-LB.1.36.Z HB-K.48.SGD-LB.2.36.Z HB-K.48.SGD-LB.2.M40.Z	1-1107001-2 1-1107003-2 1-1107005-2 1-1107007-2 0-1106481-1 2-1107005-2 2-1107007-2 0-1106481-4

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HB/Z.48, HB/Z-K.48 Gehäuse/Housings

Baugröße/Size 12

Pulverbeschichtet, silbergrau

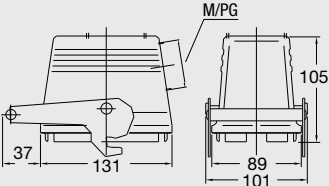
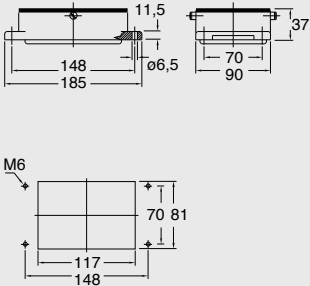
K = korrosionsgeschützt, schwarz

Powder-coated, silver-grey

K = corrosion-resistant, black

Zentralbügel am Steckergehäuse/Central locking clip on hood

IP 65

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Steckergehäuse: Kabeleingang seitlich, Standard Bauform Hood: Side entry, Standard construction				
 		42 48	HB/Z.48.Sts-ZB.1.42.G HB/Z.48.Sts-ZB.1.48.G Mit Korrosionsschutz With corrosion protection HB-K/Z.48.Sts-ZB.1.42.G HB-K/Z.48.Sts-ZB.1.48.G	1-1102234-3 1-1102236-3 2-1102234-3 2-1102236-3
Anbaugehäuse: Kabeleingang unten, Standard Bauform Surface mounted housing: bottom entry, Standard construction				
 			HB/Z.48.AG-ZVGR Mit Korrosionsschutz With corrosion protection HB-K/Z.48.AG-ZVGR	1-1102237-8 2-1102237-8

Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

HF-13 Modul/Module

Baugröße/Size 8/12

Kontaktzahlen
No. of contacts
2 + 1; 4 + 1 +

3 kV/350 A
Bezeichnung
Description
Bestelltext
Designation
Bestell-Nr./Order No.
Stifteinsatz
Male insert
Buchseinsatz
Female insert

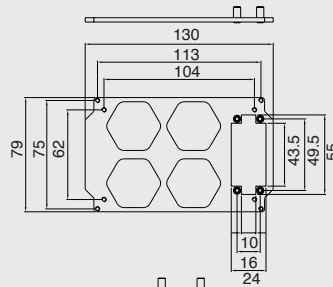
Stifteinsatz/Male insert

Buchseinsatz/Female insert


Powerkontakt
Contact for power

Erdkontakt
Contact for grounding


3 x Leistung
 1 x Erde
 1 x BG 2 (HA.10)
 Montage im HF.12 Gehäuse
 3 x for power
 1 x for earth
 1 x for signal (HA.10)
 Assembly in HF.12 Housings



HF.13.Sti.

0-1110950-2

HF.13.Bu.

0-1110951-2

HF.13.Sti.E

0-1110950-4

HF.13.Bu.E

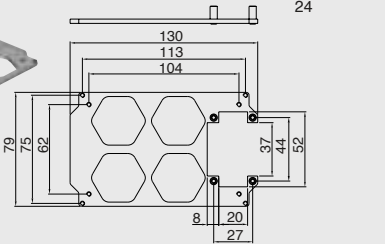
0-1110951-4

HF.12.3+PE+BG2

0-1110955-3

0-1110955-1

3 x Leistung
 1 x Erde
 1 x BG 3 (HE.6)
 Montage im HF.12 Gehäuse
 3 x for power
 1 x for earth
 1 x for signal (HE.6)
 Assembly in HF.12 Housings

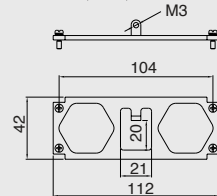


HF.12.3+PE+BG3

0-1110955-4

0-1110955-2

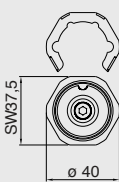
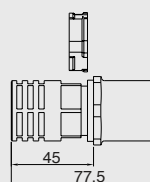
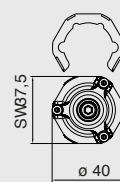
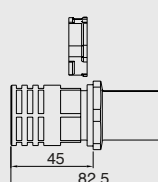
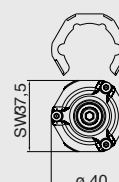
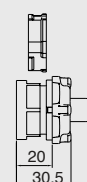
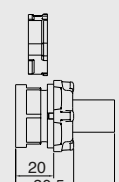
2 x Leistung
 1 x BG61 (HA.3/HE.Q5)
 Montage im HF.8 Gehäuse
 2 x for power
 1 x signal
 Assembly in HF.8 Housings


 HF.8.2+BG1
 HF.8.2+BG1

0-1110960-2

 0-1110960-1*
 0-1110960-3**

Passende Crimpkontakte siehe Seite 42, Passende Crimpwerkzeuge siehe Seite 42
 Suitable Crimp contacts see page 42, Suitable Crimping tools see page 42

Maßbild mm
Dimensions mm

Powerkontakt Stift
Contact for power male

Powerkontakt Buchse
Contact for power female

Erdkontakt Stift
Contact for grounding male

Erdkontakt Buchse
Contact for grounding female


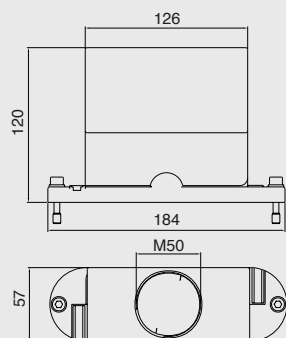
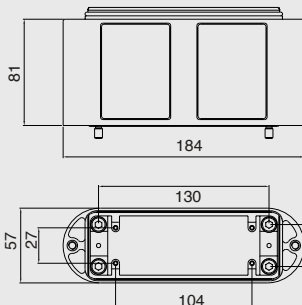
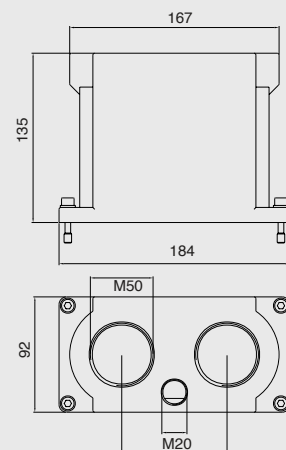
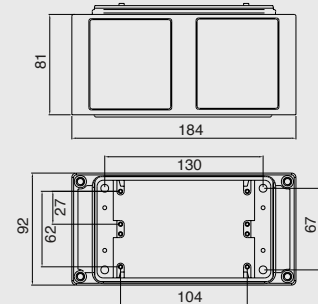
HF-HIP-K 8/HF-EMV-K 8 HF-HIP-K 12/HF-EMV-K 12 Gehäuse/Housings Baugröße/Size 8/12
EMV-K: Schutz gegen elektromagnetische Beeinflussung, druckdicht, korrosionsgeschützt, schwarz

HIP-K: Korrosionsgeschützt, schwarz

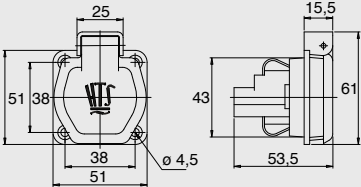
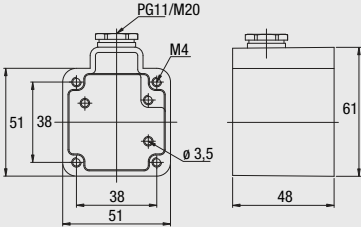
EMV: Protection against electro-magnetic interference, pressure-tight, Housings corrosion-resistant, black

HIP-K: Housings corrosion-resistant, black

Schraubverriegelung am Oberteil/Screw lock on hood
IP 68

Bezeichnung Description		 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.
Gehäuseoberteil Hood					
		1 x M50		HF-HIP-K.8.Sto.1.M50G	0-1102839-4
		1 x M50		HF.8.EMV-K.8.Sto.1.M50G	0-1102839-3
		2 x M40		HF.HIP-K.8.Sto.2.M40G	0-1102839-2
		2 x M40		HF.EMV-K.8.Sto.2.M40G	0-1102839-1
Gehäuseunterteil Housing bottom			Höhe/height		
		20 mm		HF-HIP-K.8.AG.N	0-1102837-2
		20 mm		HF-EMV-K.8.AG.N	0-1102837-1
		81 mm		HF-HIP-K.8.AG	0-1102836-2
		81 mm		HF-EMV-K.8.AG	0-1102836-1
Gehäuseoberteil Hood					
		2 x M40		HF-HIP-K.12.Sto.2.M40G	0-1102840-2
		2 x M40		HF-EMV-K.12.Sto.2.M40G	0-1102840-1
		2 x M50		HF-HIP-K.12.Sto.2.M50G	0-1102840-4
		2 x M50		HF-EMV-K.12.Sto.2.M50G	0-1102840-3
Gehäuseunterteil Housing bottom			Höhe/height		
		20 mm		HF-HIP-K.12.AG.N	0-1102838-2
		20 mm		HF-EMV-K.12.AG.N	0-1102838-1
		81 mm		HF-HIP-K.12.AG	0-1102192-2
		81 mm		HF-EMVK-K.12.AG	0-1102192-1

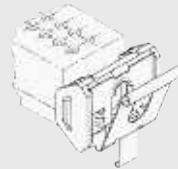
Passende Kabelverschraubungen ab Seite 188/Suitable Cable fittings from page 188

Schutzkontakt		
Bezeichnung Description	Bestelltext Designation	Bestell-Nr. Order No.
 	UP.M	1-1102975-9
 	AP.M.11 AP.M.1.M20	1-1102978-9 0-1102978-2
Technische Kennwerte		
Kontaktzahlen	2 + PE	
el. Bemessungsstrom [A]	10	
el. Bemessungsspannung [V]	250	
Temperaturbereich	-40°C – +125°C	
Schraubanschluss	0,5 – 2,5 mm ²	
Technical Specification		
No. of Contacts	2 + PE	
rated current [A]	10	
rated voltage [V]	250	
temperature range	-40°C – +125°C	
screw terminal	0,5 – 2,5 mm ²	

Quick-In System/Quick-In System

Bezeichnung Description

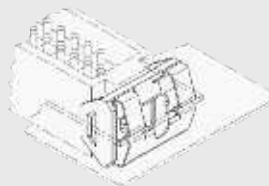
Rasterelement zur Verriegelung Stifteinsatz-Buchseinsatz
locking element for fixing ipin insert-socket insert



QSB

0-1106515-1

Rasterelement zur Befestigung im Montageausschnitt
locking element for fixing in panel cut-out



QM

0-1106516-1

Kodierset
Coding set



Cos.Quick-In

0-1110939-3

Zugentlastungsschelle
Cable clamp



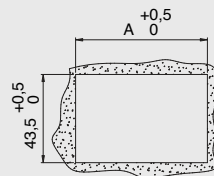
ZE-HSB-Quick

0-1108723-1

Blechdicke/Panel strength
min. 1mm – max. 2mm

Blechdicke/Panel strength
2mm – max. 3mm

Baugröße Size	Abmessungen Dimensions	Baugröße Size	Abmessungen Dimensions
	A		A
3	65	3	66
4	78	4	79
6	98,5	6	99,5
8	125	8	126



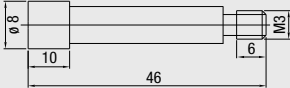
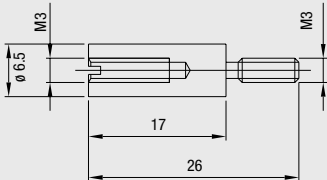
Merkmale

- Befestigung der Rastelemente am Kontakteinsatz ohne Werkzeug
- Funktionalität durch robuste Ausführung
- Bedienerfreundliches Handling
- Höchstmass an Flexibilität
- Kostensenkung durch rationelle Verarbeitung und Entfall der Metallgehäuse
- Platzsparende Montage
- Verwendbar für alle Kontakteinsätze der Baugrößen 3, 4, 6, 8
- Montagekostenreduktion durch Vorassemblage

Characteristics

- fixing of the locking elements on the contact insert without tools
- practicality due to solid execution
- user-friendly handling
- highest degree of flexibility
- cost reduction due to economic finish and omission of metal housings
- space-saving assembly
- can be used for all contact inserts of the sizes 3, 4, 6, 8
- cost reduction due to pre-assembly

Schraubverbindung für Kontakteinsätze/Screw connection for contact inserts

	Bestelltext Designation	Bestell-Nr. Order No.
Schraubverbindung Rändel- und Buchsenschrauben sichern Kontakteinsätze, die ohne Gehäuse in Schaltschrankschnittstellen montiert werden und infolge von Schwingungen eine Trennung der elektrischen Verbindung oder das Herabfallen verhindern. Passende Ausführungen sind für alle rechteckigen Kontakteinsätze der Baugrößen 3, 4, 6, 8, 10, 12 erhältlich. Screw connection <i>Thumb and bush screws ensure secure mating of contact inserts which are mounted directly into cut-outs in panels (i. e. without housings). Screw versions are available for all rectangular contact inserts of size 3, 4, 6, 8, 10, 12.</i> Rändelschraube <i>Thumb screw</i>   Für die Montage der Kontaktträger werden je Steckverbindung 2 Rändel- und 2 Buchsenschrauben eingesetzt. <i>For the assembly of the contact carriers, you need 2 bush screws and 2 thumb screws for each plug connection.</i> Buchsen-schraube <i>Bush screw</i>  	RS-M3	1-1106107-1
	BEBO.M3.KURZ	1-1106109-1

Kodierung/Coding

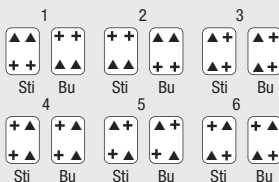
Kodierungsmöglichkeiten Codings

Kodierungsmöglichkeiten mit Sperrbolzen

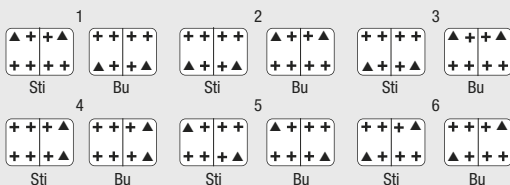
Für Gehäuse mit 1 Kontakteinsatz

Coding with code pins

For housings with 1 contact insert



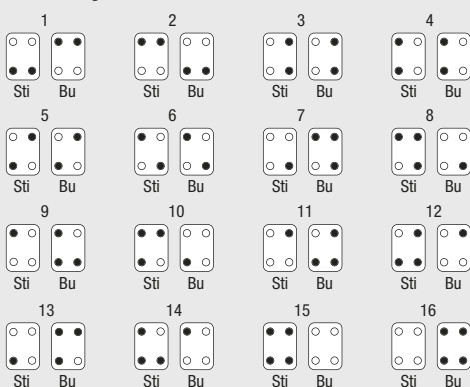
Mit 2 Kontakteinsätzen/with 2 contact inserts



Kodierungen mit Führungsstiften und -buchsen verhindern weitestgehend ein Schrägstecken und -ziehen des Steckers. Schräglage nach DIN EN 175.301-801 in Längsrichtung $\pm 5^\circ$.
Coding with guide pins and bushes prevents angular plugging and unplugging the connector.
Max. angle as per DIN EN 175.301-801 (longitudinally) $\pm 5^\circ$.

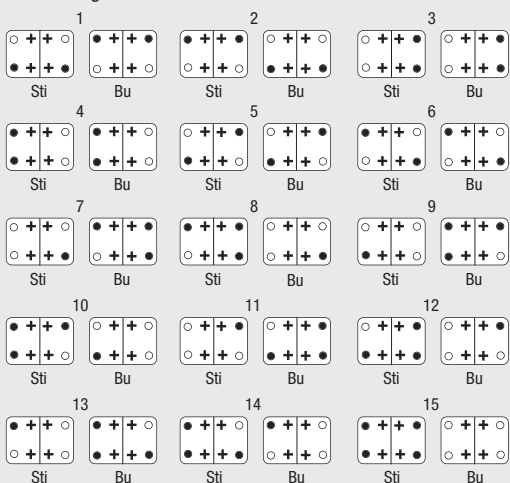
Für Gehäuse mit 1 Kontakteinsatz

For housings with 1 contact insert



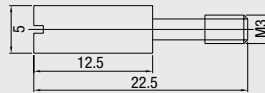
Für Gehäuse mit 2 Kontakteinsätzen

For housings with 2 contact inserts



Bezeichnung Description

Sperrbolzen Code pin



Pro Steckverbinder werden 4 Sperrbolzen benötigt
4 code pins are required per connector

Sti = Stifteinsatz/Male insert

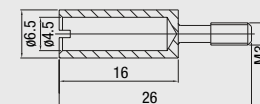
Bu = Buchseneinsatz/Female insert

▲ = Sperrbolzen/Code pin

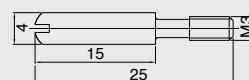
+ = Befestigungsschraube/Fixing screw

Führungsstifte- und buchsen Guide pins and bushes

Führungsbuchse Guide bush



Führungsstift Guide pins



Sti = Stifteinsatz/Male insert

Bu = Buchseneinsatz/Female insert

● = Führungsstift/Guide pin

○ = Führungsbuchse/Guide bush

+ = Befestigungsschraube/Fixing screw

Bestelltext Designation

SPB-M3

Bestell-Nr. Order No.

1-1106100-1

F-Bu-M3

1-1106101-1

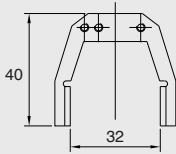
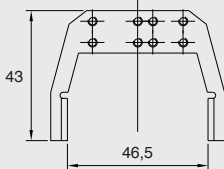
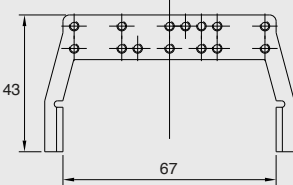
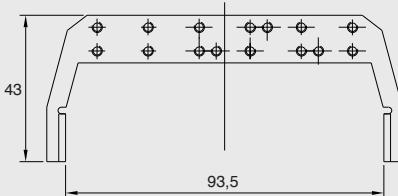
F-Sti-M3

1-1106102-1

Schirmkontaktbügel/Screen termination

- zur nachträglichen Montage am Kontakteinsatz
- zur Auflage von geschirmten Kabeln

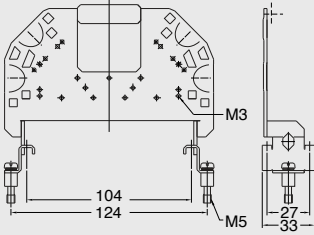
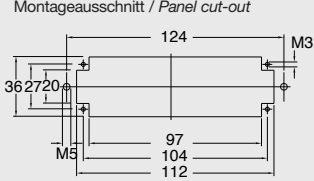
- for post-assembly on contact insert
- for reception of screened cables

Bezeichnung Description	Bestelltext Designation	Bestell-Nr. Order No.
Schirmkontaktbügel Screen termination  	SB.ST.Bgr.3	1-1106305-9
 	SB.ST.Bgr.4	1-1106306-9
 	SB.ST.Bgr.6	1-1106307-9
 	SB.ST.Bgr.8	1-1106308-9
 	SB.HSS.Bgr.8	1-1106309-9

Griffblech/Grip

Griffblech dient als:
Zugentlastung/Schirmauflage/Montage ohne Gehäuse

Grip
Strain relief/Screen bar/Application without housing

Bezeichnung Description	Bestelltext Designation	Bestell-Nr. Order No.
Griffblech Baugröße 8 Grip size 8   Montageausschnitt / Panel cut-out 	GB.1.-BG.8 GB1.BG.6	1-1106301-9 1-1106300-9
Schirmschiene Braid bar   	S-Schelle gross S-Schelle klein Schirmschiene gerade	0-1102081-1 0-1102082-1 0-1110505-1

Zubehör für Schirmkontaktbügel/Accessories for screen termination

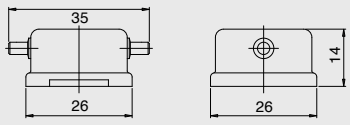
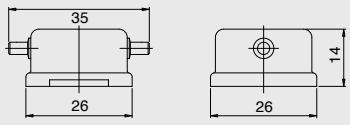
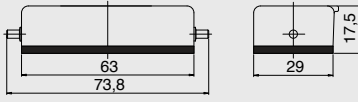
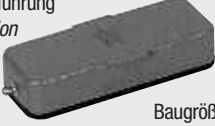
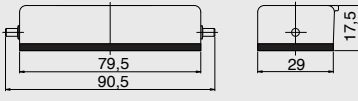
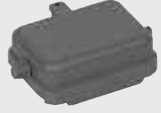
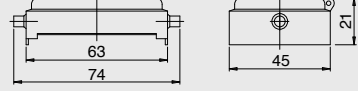
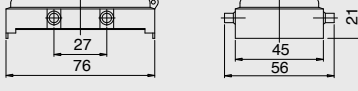
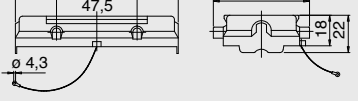
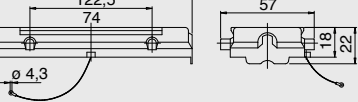
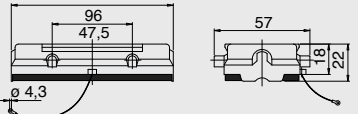
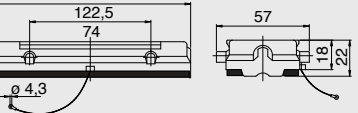
Bezeichnung Description	Bestelltext Designation	Bestell-Nr. Order No.
Schellenset Cable clamp 	Schellenset/Cable clamp 4,5mm 5mm 6mm 7mm 8mm 9mm 10mm	1-1106302-9 2-1106302-9 3-1106302-9 4-1106302-9 5-1106302-9 6-1106302-9 7-1106302-9
Erdungsband Grounding terminal 	Erdungsband Grounding terminal Set 90mm Set 120mm Set 220mm	1-1106303-9 2-1106303-9 3-1106303-9
Schrauben-Set Screw set 	Schrauben-Set/Screw set	1-1106304-9

Schutzkappe für Gehäuseober- /unterteile/Protective covers for housings

Verstärkte Kunstoffschale (UV-beständig)
Metallausführung

Reinforced plastic shell (UV-resistant)
Metal-Version

Baugröße 1,2,3,4,5,6,8/Size 1,2,3,4,5,6,8

Bezeichnung Description	Bestelltext Designation	Bestell-Nr. Order No.
Schutzkappe für Gehäuseunterteile Protective cover for housings Metall-Ausführung Metal version		
 Baugröße 1/size 1 	HA.3.SKB	2-1106205-7
 Baugröße 1/size 1 	HG-Q.5.DE HG-Q.5.DE.BL	0-1103176-1 0-1103176-2
 Baugröße HG-Q/size HG-Q	Set-HG-Q.8.SKP	0-1108818-1
Metall-Ausführung Metal version  Baugröße 2/size 2 	HB.6.SKB HA.10.SKB	1-1106207-7 2-1106206-7
Metall-Ausführung Metal version  Baugröße 5/size 5 	HA.16.SKB	2-1106208-7
 Baugröße 3/size 3 	mit Fangschnur with attachment string HB.6.SKP	5-1106207-7
 Baugröße 4/size 4 	mit Fangschnur with attachment string HB.10.SKP	5-1106213-6
 Baugröße 6/size 6 	mit Fangschnur with attachment string HB.16.SKP-VS HB.16.SKP-LB	2-1106214-0 3-1106214-0
 Baugröße 8/size 8 	mit Fangschnur with attachment string HB.24.SKP-VS HB.24.SKP-LB	2-1106216-0 3-1106216-0
Schutzkappe für Gehäuseoberteile Kunststoffschale/Protective cover for housings Plastic shell		
 Baugröße 6/size 6 	HB.16.SKP-VS+D	2-1106214-1
 Baugröße 8/size 8 	HB.24.SKP-VS+D	2-1106216-1

Schutzdeckel für Gehäuseober- / unterteile/Protective covers for hoods and housings

Verstärkte Kunststoffschale (UV-beständig), Ausführung mit und ohne Fangsnur
Metallausführung

Reinforced plastic shell (UV-resistant), Versions with/without attachment string
Metal-Version

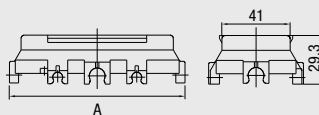
Baugröße 3, 4, 6 + 8/Size 3, 4, 6 + 8

Bezeichnung Description

Schutzdeckel für Gehäuseober- und Gehäuseunterteile mit Bolzen
Protective cover for hoods and housings with bolts



Baugröße 6/8/size 6/8

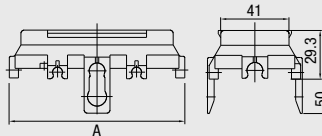


Baugröße/Size	A = mm
6	105
8	132

Schutzdeckel für Gehäuseoberteile mit Zentralbügel
Protective cover for hoods with central locking clip

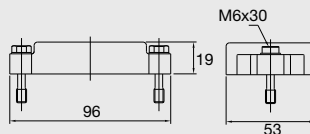


Baugröße 6/8/size 6/8



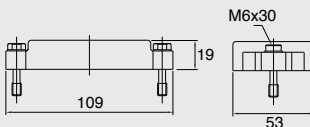
Baugröße/Size	A = mm
6	105
8	132

Schutzkappen für Gehäuse-Unterteile Serien HIP, EMV, EMV-K
Protective covers for housings series HIP, EMV, EMV-K



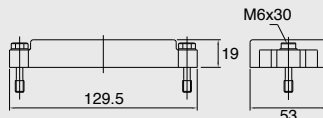
HIP
HIP/EMV.6/16.SKB

3-1106201-5



HIP-K
HIP-K/EMV-K.6/16.SKB

4-1106201-5

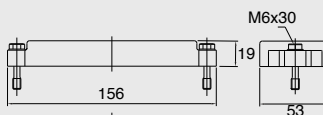


HIP
HIP/EMV.10/24.SKB

3-1106202-5

HIP-K/EMV-K
HIP-K/EMV-K.10/24.SKB

4-1106202-5



HIP
HIP/EMV.16/40.SKB

3-1106203-5

HIP-K
HIP-K.16/40.SKB

4-1106203-5

HIP
HIP/EMV.24/64.SKB

3-1106204-5

HIP-K/EMV-K
HIP-K/EMV-K.24/64.SKB

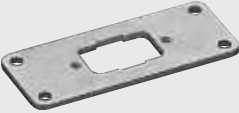
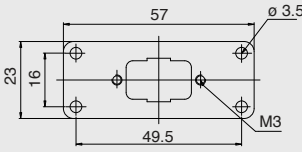
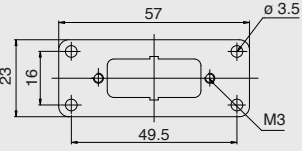
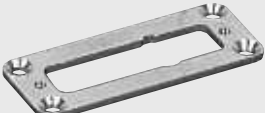
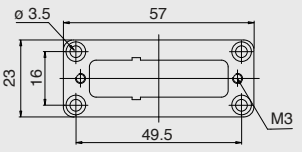
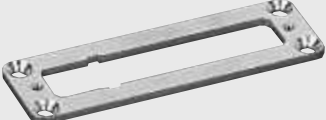
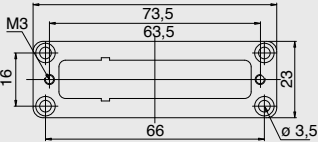
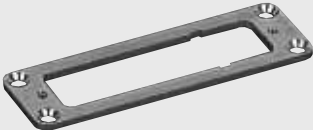
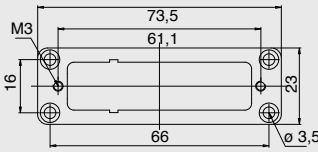
4-1106204-5

Adapterbleche für SUB-D Einsätze/Adapter plates for SUB-D inserts

Zur Montage von SUB-D Einsätzen

For assembly of SUB-D inserts

Adapterplatten für Serie HA/Adapterplates for Series HA

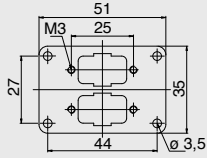
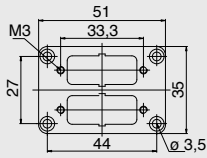
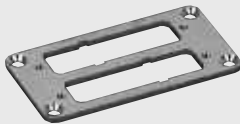
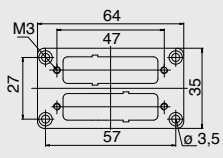
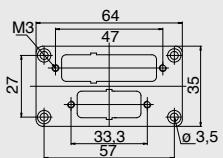
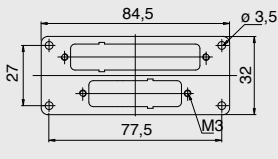
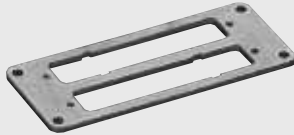
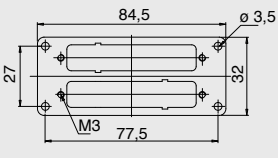
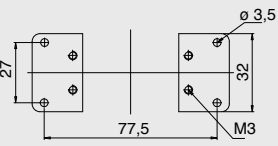
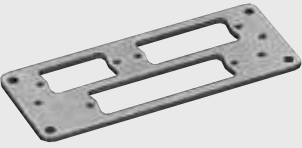
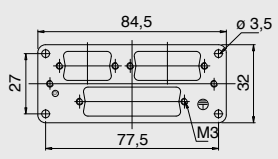
Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No. Oberteile for hood Unterteile for bottom	
Für Gehäuse HA.10 For housings HA.10			
		1 x 9	0-1107197-1 0-1107196-1
		1 x 15	0-1107197-2 0-1107196-2
		1 x 25	0-1107197-3 0-1107196-3
Für Gehäuse HA.16 For housings HA.16			
		1 x 37	0-1107203-1 0-1107202-1
		1 x 50	0-1107203-2 0-1107202-2

Adapterbleche für SUB-D Einsätze/Adapter plates for SUB-D inserts

Zur Montage von SUB-D Einsätzen

For assembly of SUB-D inserts

Adapterplatten für Serie HB/Adapterplates for Series HB

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No. Oberteile for hood	Unterteile for bottom
Für Gehäuse HB.6 For housings HB.6			
			
	2 x 9	0-1107199-1	0-1107198-1
			
	2 x 15	0-1107199-2	0-1107198-2
Für Gehäuse HB.10 For housings HB.10			
			
	1 x 15 + 25	0-1107201-2	0-1107200-2
			
	2 x 25	0-1107201-1	0-1107200-1
Für Gehäuse HB.16 For housings HB.16			
			
	1 x 25 + 37	0-1107205-2	0-1107204-2
			
	2 x 37	0-1107205-3	0-1107204-3
			
	2 x 50		0-1107204-4
			
	1 x 9 + 15 + 25	0-1107205-1	0-1107204-1

Kabelverschraubungen und Zubehör/Cable fittings and accessories

EMV-Kabelverschraubung

Schutz gegen elektromagnetische Beeinflussung

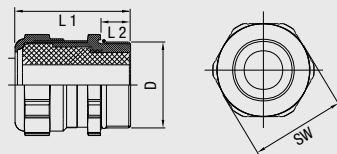
EMV-cable-fitting

Protect against electro-magnetic influence

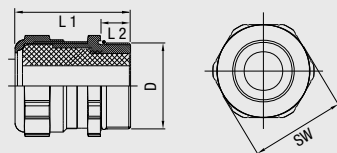
IP 68

Bezeichnung Description

EMV-Kabelverschraubung EMV-cable fitting



D	~L1	L2	SW	Kabel ø	
				min	max
M16	27	5	17	5	9
M20	30	6	22	8	13
M25	35	7	27	11	16
M32	40	8	34	15	21
M40	45	8	43	19	27
M50	50	9	55	26	35



D	~L1	L2	SW	Kabel ø	
				min	max
PG 16	27	5	17	5	9
PG 21	30	6	22	8	13
PG 29	35	7	27	11	16



 Metr.


 PG

**Bestelltext
Designation**
**Bestell-Nr.
Order No.**

 M16
M20
M25
M32
M40
M50

 EMV.M16.MS
EMV.M20.MS
EMV.M25.MS
EMV.M32.MS
EMV.M40.MS
EMV.M50.MS

 1-1102772-6
2-1102772-0
2-1102772-5
3-1102772-2
4-1102772-0
5-1102772-0

 16
21
29

 EMV.PG16
EMV.PG21
EMV.PG29

 1-1106007-4
1-1106007-9
2-1106007-3

Kabelverschraubungen und Zubehör/Cable fittings and accessories

TDS-Kabelverschraubung AL-Druckguss

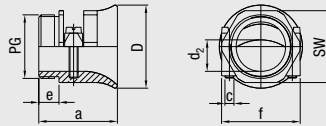
DS-Kabelverschraubung Metall

TDS cable fitting diecast aluminium alloy

DS cable fitting metal

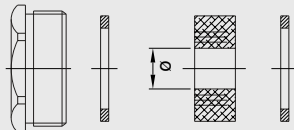
Bezeichnung Description

TDS-Kabelverschraubung: AL-Druckguss mit Biegeschutz-Trompete und Zugentlastung
TDS cable fitting: Diecast aluminum alloy with bell mouth for cable bending protection and strain relief



PG	a	c	D	d 2	e	SW	f
				min	max		
11	30	M 3	27	8,5	12	8	25
13,5	32	M 3	30	8,5	15	8,5	28
16	32	M 4	32	10	17	9	30
21	35	M 4	37	13,5	21,5	9	35
29	40	M 5	52	19	29,5	9	50
36	50	M 6	62	25	38	13	61,5
42	55,5	M 6	65	30	43	16	64

DS-Kabelverschraubung aus Metall, mit 2 Druckringen und ausscheidbaren Dichtring
DS cable fitting metal, with 2 pressure rings and cut-out sealing ring



PG	ø min	ø max	SW
11	7,5	12,5	18
13,5	7,5	12,5	20
16	7,5	15	22
21	10	19	28
29	18	27	37
36	24	33	47
42	30	39	54

Dichtungsset für Gehäuseserie HA.3 für IP 65 Dichtring
Gasket for series HA.3 hoods; IP 65



für HA.3 Stecker/for series HA.3 hood



für HA.3 Anbau-/Sockel- oder Kupplungsgehäuse/for series HA.3 housings

Metr.

PG

Bestelltext
Designation

Bestell-Nr.
Order No.

11
13,5
16
21
29
36
42

TDS.11.M
TDS.13.M
TDS.16.M
TDS.21.M
TDS.29.M
TDS.36.M
TDS.42.M

1-1106001-9
2-1106001-9
3-1106001-9
4-1106001-9
5-1106001-9
6-1106001-9
7-1106001-9

11
13,5
16
21
29
36
42

DS.11.DI
DS.13.DI
DS.16.DI
DS.21.DI
DS.29.DI
DS.36.DI
DS.42.DI

1-1106004-9
2-1106004-9
3-1106004-9
4-1106004-9
5-1106004-9
6-1106004-9
7-1106004-9

SetM3x8Dicht2

0-1103028-2

SetM3x8Dicht1

0-1103028-1

Kabelverschraubungen und Zubehör/Cable fittings and accessories

HUT-Verschraubung Kunststoff

HUT-Verschraubung Messing, vernickelt

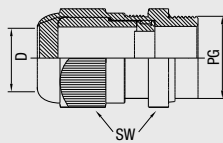
Gland fitting plastic

Gland fitting brass, nickel plated

IP 68

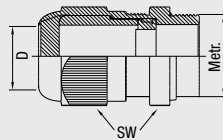
Bezeichnung
Description

Hut-Verschraubung PG, IP 68 aus Kunststoff
Gland fitting IP 68 plastic



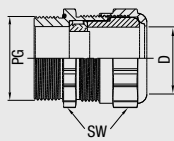
PG	D min	D max	SW
11	5	10	22
13,5	6	12	24
16	10	14	27
21	13	18	33
29	18	25	42
36	22	32	53
42	32	38	60

Hut-Verschraubung M, IP 68 aus Kunststoff
Gland fitting IP 68 plastic

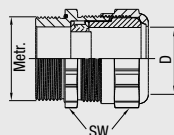


Metr.	D min	D max	SW
M16	4	8	20
M20	6	12	24
M25	10	14	29
M32	13	18	36
M40	18	25	46
M50	22	32	55

Hut-Verschraubung IP 68 Messing, vernickelt
Neoprene-Dichteinsatz und O-Dichtring am Anschlussgewinde
Gland fitting IP 68 brass, nickel-plated neoprene
sealing insert and O ring at connection thread



PG	D min	D max	SW
11	5	10	20
13,5	6	12	22
16	10	14	24
21	13	18	30
29	18	25	40
36	22	32	50
42	32	38	57



Metr.	D min	D max	SW
M16	5	10	17
M20	6	12	22
M25	13	18	27
M32	18	25	34
M40	22	32	43
M50	32	38	55

 **Metr.**

 **PG**

Bestelltext
Designation

Bestell-Nr.
Order No.

11
13,5
16
21
29
36
42

HUT.11.P
HUT.13.P
HUT.16.P
HUT.21.P
HUT.29.P
HUT.36.P
HUT.42.P

1-1106005-7
2-1106005-7
3-1106005-7
4-1106005-7
5-1106005-7
6-1106005-7
7-1106005-7

M16
M20
M25
M32
M40
M50

HUT.M16.P
HUT.M20.P
HUT.M25.P
HUT.M32.P
HUT.M40.P
HUT.M50.P

1-1102771-6
2-1102771-0
2-1102771-5
3-1102771-2
4-1102771-0
5-1102771-0

11
13,5
16
21
29
36
42

HUT.11.MS
HUT.13.MS
HUT.16.MS
HUT.21.MS
HUT.29.MS
HUT.36.MS
HUT.42.MS

1-1106006-9
2-1106006-9
3-1106006-9
4-1106006-9
5-1106006-9
6-1106006-9
7-1106006-9

M16
M20
M25
M32
M40
M50

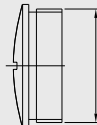
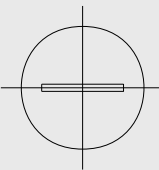
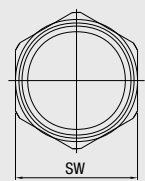
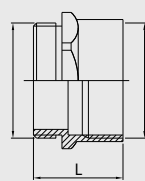
HUT.M16.MS
HUT.M20.MS
HUT.M25.MS
HUT.M32.MS
HUT.M40.MS
HUT.M50.MS

1-1102770-6
2-1102770-0
2-1102770-5
3-1102770-2
4-1102770-0
5-1102770-0

Kabelverschraubungen und Zubehör/Cable fittings and accessories

GM-Gegenmutter, BS-Blindstopfen, Zwischenstutzen 6kt
Messing, vernickelt

GM lock nut, BS blanking piece, hexagonal adaptor
Brass, nickel plated

Bezeichnung Description	 Metr.	 PG	Bestelltext Designation	Bestell-Nr. Order No.																								
GM-Gegenmutter Messing vernickelt, bei dünnwandiger Gehäusewand Verschraubung kontern GM lock nut brass nickel-plated, used to lock screwed fittings (housings with thin walls)																												
 <table><tr><th>SW</th><th>Stärke Thickness</th></tr><tr><td>21</td><td>3</td></tr><tr><td>23</td><td>3</td></tr><tr><td>26</td><td>3</td></tr><tr><td>32</td><td>3,5</td></tr><tr><td>41</td><td>4</td></tr><tr><td>51</td><td>5</td></tr><tr><td>60</td><td>5</td></tr></table>	SW	Stärke Thickness	21	3	23	3	26	3	32	3,5	41	4	51	5	60	5		11 13,5 16 21 29 36 42	GM.11.SKT-MS GM.13.SKT-MS GM.16.SKT-MS GM.21.SKT-MS GM.29.SKT-MS GM.36.SKT-MS GM.42.SKT-MS	1-1106055-2 2-1106055-2 3-1106055-2 4-1106055-2 5-1106055-2 6-1106055-2 7-1106055-2								
SW	Stärke Thickness																											
21	3																											
23	3																											
26	3																											
32	3,5																											
41	4																											
51	5																											
60	5																											
BS-Blindstopfen Messing vernickelt (O-Dichtring bitte separat bestellen) BS blanking piece brass nickel-plated (please order O ring separately)																												
  	M16 M20 M25 M32 M40 M50	11 13,5 16 21 29 36 42	BS.11.MS BS.13.MS BS.16.MS BS.21.MS BS.29.MS BS.36.MS BS.42.MS BS.M16.MS BS.M20.MS BS.M25.MS BS.M32.MS BS.M40.MS BS.M50.MS	1-1106056-3 2-1106056-3 3-1106056-3 4-1106056-3 5-1106056-3 6-1106056-3 7-1106056-3 1-1102773-6 2-1102773-0 2-1102773-5 3-1102773-2 4-1102773-0 5-1102773-0																								
Zwischenstutzen-6kt. Messing vernickelt (O-Dichtring bitte separat bestellen) Hexagonal adaptor brass, nickel-plated (please order O ring separately)																												
  		11 13,5 16 21 29 36 42	ZW.ST.11.SKT-MS ZW.ST.13.SKT-MS ZW.ST.16.SKT-MS ZW.ST.21.SKT-MS ZW.ST.29.SKT-MS ZW.ST.36.SKT-MS ZW.ST.42.SKT-MS	1-1106057-4 2-1106057-4 3-1106057-4 4-1106057-4 5-1106057-4 6-1106057-4 7-1106057-4																								
<table><tr><th>PG</th><th>L</th><th>SW</th></tr><tr><td>11</td><td>17</td><td>20</td></tr><tr><td>13,5</td><td>19</td><td>22</td></tr><tr><td>16</td><td>20</td><td>24</td></tr><tr><td>21</td><td>22</td><td>30</td></tr><tr><td>29</td><td>24,5</td><td>40</td></tr><tr><td>36</td><td>28,5</td><td>50</td></tr><tr><td>42</td><td>32</td><td>57</td></tr></table>	PG	L	SW	11	17	20	13,5	19	22	16	20	24	21	22	30	29	24,5	40	36	28,5	50	42	32	57				
PG	L	SW																										
11	17	20																										
13,5	19	22																										
16	20	24																										
21	22	30																										
29	24,5	40																										
36	28,5	50																										
42	32	57																										

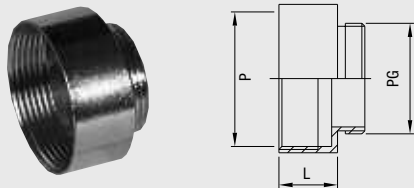
Kabelverschraubungen und Zubehör/Cable fittings and accessories

ERW-Erweiterung, REDU 6kt, Messing, vernickelt Adapter NPT-PG

ERW increasing piece, REDU hexagonal reducing piece, Brass, nickel plated Adaptor NPT-PG

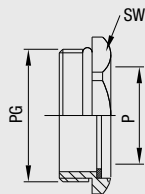
Bezeichnung Description

ERW-Erweiterung Messing vernickelt
ERW increasing piece brass, nickel-plated



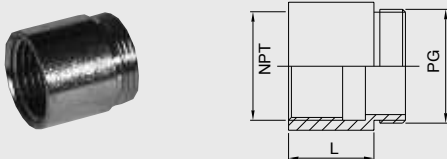
PG	P	L
11	13,5	11,5
11	16	11,5
13,5	16	12,5
13,5	21	12,5
16	21	14,5
21	29	16
29	36	19,5
36	42	22

REDU-6kt. Reduzierung Messing vernickelt
REDU hexagonal reducing piece brass, nickel-plated



PG	P	SW
11	9	20
13,5	9	24
13,5	11	24
16	11	24
16	13,5	24
21	13,5	32
21	16	41
29	16	41
29	21	41
36	21	50
36	29	50
42	29	60

Adapter NPT-PG
Adapter NPT-PG



PG	NPT	L
11	3/8"	14
13,5	1/2"	18
16	1/2"	18
21	3/4"	18
36	1 1/4"	20
42	1 1/4"	18

Metr.

PG

Bestelltext
Designation

Bestell-Nr.
Order No.

11\13,5	ERW.11/13.MS	1-1106058-5
11\16	ERW.11/16.MS	7-1106058-5
13,5\16	ERW.13/16.MS	2-1106058-5
13,5\21	ERW.13/21.MS	8-1106058-5
16\21	ERW.16/21.MS	3-1106058-5
21\29	ERW.21/29.MS	4-1106058-5
29\36	ERW.29/36.MS	5-1106058-5

13,5\9	REDU.13/09.MS.8	8-1106062-6
13,5\11	REDU.13/11.MS.8	2-1106062-6
16\11	REDU.16/11.MS.8	9-1106062-6
16\13	REDU.16/13.MS.8	3-1106062-6
21\13	REDU.21/13.MS.8	0-1106062-6
21\16	REDU.21/16.MS.8	4-1106062-6
29\16	REDU.29/16.MS.8	0-1106062-7
29\21	REDU.29/21.MS.8	5-1106062-6
36\21	REDU.36/21.MS.8	1-1106062-7
36\29	REDU.36/29.MS.8	6-1106062-6

11/3/8"	Ü-PG.11-NPT.3/8	1-1106066-8
13,5/1/2"	Ü-PG.13-NPT.1/2	2-1106066-8
16/1/2"	Ü-PG.16-NPT.1/2	3-1106066-8
21/3/4"	Ü-PG.21-NPT.3/4	4-1106066-8
36/1 1/4"	Ü-PG.36-NPT.1 1/4	6-1106066-8

Kabelverschraubungen und Zubehör/Cable fittings and accessories

ERW-Erweiterung, REDU 6kt, Messing, vernickelt
Adapter NPT-PG

ERW increasing piece, REDU hexagonal reducing piece, Brass, nickel plated
Adaptor NPT-PG

Bezeichnung Description	Metr.	PG	Bestelltext Designation	Bestell-Nr. Order No.
Ausschneidbarer Dichtring Neoprene schwarz, mit 2 Metall-Druckscheiben <i>Cut-out sealing ring</i> Neoprene black 2 metal pressure rings		11 13,5 16 21 29 36 42	ASD.11.N ASD.13.N ASD.16.N ASD.21.N ASD.29.N ASD.36.N ASD.42.N	1-1106050-1 2-1106050-1 3-1106050-1 4-1106050-1 5-1106050-1 6-1106050-1 7-1106050-1
Ausschneidbarer Dichtring für K-Serie <i>Cut-out sealing ring</i> for K-series		16 21 29	ASD-K.16.N ASD-K.21.N ASD-K.29.N	3-1106051-1 4-1106051-1 5-1106051-1
Viton , mit 2 Kunststoff-Druckscheiben, für hohe Temperaturen <i>Viton</i> , 2 plastic pressure rings for high temperatures		11 21 36 42	ASD-K.11.V ASD-K.21.V ASD-K.36.V ASD-K.42.V	1-1106052-1 4-1106052-1 6-1106052-1 7-1106052-1
O-Dichtringe Standard schwarz <i>O rings</i> standard black	M20 M25 M32 M40 M50	11 13,5 16 21 29 36 42	O-RING.11.SCHW O-RING.13.SCHW O-RING.16.SCHW O-RING.21.SCHW O-RING.29.SCHW O-RING.36.SCHW O-RING.42.SCHW	1-1106053-1 2-1106053-1 3-1106053-1 4-1106053-1 5-1106053-1 6-1106053-1 7-1106053-1
O-Dichtringe Viton, für hohe Temperaturen bis 200° C Dauertemperatur <i>O rings</i> Viton, for high temperatures (up to 200° C permanent temperature)	M20 M40	11 13,5 29 42	O-RING.11.VITON O-RING.13.VITON O-RING.29.VITON O-RING.42.VITON	1-1106053-2 2-1106053-2 5-1106053-2 7-1106053-2

HF-Modul/HF-Module

150 A HF 06-Kontakt

Kontaktzahlen
No. of contacts

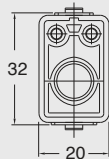
150 A HF 06-contact

1 + 2

1000V/150A, 250V/10A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	MDL2.1+2.Sti.C	0-1103024-1	
Unterteil für Buchsenkontakte Bottom part for female contacts			0-1103024-2

Passende Crimpkontakte siehe Seite 34 + 41, Passende Crimpwerkzeuge siehe Seite 34 + 42
 Suitable Crimp contacts see page 34 + 41, Suitable Crimping tools see page 34 + 42

Maßbild mm
Dimensions mm

 Kontakthanordnung Anschlußseite: Oberteil
 Contact arrangement termination side: top part

 Kontakthanordnung Anschlußseite: Unterteil
 Contact arrangement termination side: bottom part


HSS Modul/HSS Module

für HSS Crimp Kontakte

Kontaktzahlen
No. of contacts

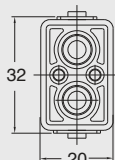
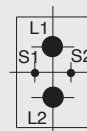
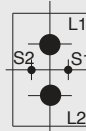
for HSS crimp contacts

2 + 2

1000V/63A, 250V/10A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	MDL2.2+2.Sti.C	0-1103019-1	
Unterteil für Buchsenkontakte Bottom part for female contacts			0-1103019-2

Passende Crimpkontakte siehe Seite 34 + 41, Passende Crimpwerkzeuge siehe Seite 34 + 41
 Suitable Crimp contacts see page 34 + 41, Suitable Crimping tools see page 34 + 41

Maßbild mm
Dimensions mm

 Kontakthanordnung Anschlußseite: Oberteil
 Contact arrangement termination side: top part

 Kontakthanordnung Anschlußseite: Unterteil
 Contact arrangement termination side: bottom part


HSM Modul/HSM Module

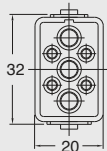
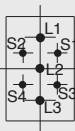
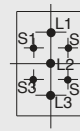
für HSM Crimp Kontakte

for HSM crimp contacts

Kontaktzahlen
No. of contacts
3 + 4
1000V/40A, 250V/10A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseneinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	MDL2.3+4.Sti.C	0-1103018-1	
Unterteil für Buchsenkontakte Bottom part for female contacts			0-1103018-2

Passende Crimpkontakte siehe Seite 34 + 40, Passende Crimpwerkzeuge siehe Seite 34 + 40
 Suitable Crimp contacts see page 34 + 40, Suitable Crimping tools see page 34 + 40

Maßbild mm
Dimensions mm

 Kontakthanordnung Anschlußseite: Oberteil
 Contact arrangement termination side: top part

 Kontakthanordnung Anschlußseite: Unterteil
 Contact arrangement termination side: bottom part


HVT-Modul/HVT-Module

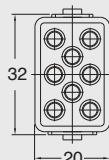
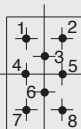
für HVT Crimp Kontakte

for HVT crimp contacts

Kontaktzahlen
No. of contacts
8
400V/16A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseneinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	MDL2.8.Sti.C	0-1103015-1	
Unterteil für Buchsenkontakte Bottom part for female contacts			0-1103015-2

Passende Crimpkontakte siehe Seite 38, Passende Crimpwerkzeuge siehe Seite 38
 Suitable Crimp contacts see page 38 Suitable Crimping tools see page 38

Maßbild mm
Dimensions mm

 Kontakthanordnung Anschlußseite: Oberteil
 Contact arrangement termination side: top part

 Kontakthanordnung Anschlußseite: Unterteil
 Contact arrangement termination side: bottom part


HN.D-Modul/HN.D-Module

für HN.D Crimp Kontakte

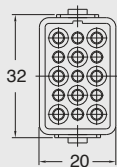
for HN.D crimp contacts

Kontaktzahlen
No. of contacts**15****400V/10A**

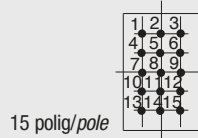
Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	MDL2.HN.D.15.Sti.C MDL2.HN.D.18.Sti.C	0-1103017-1 0-1103076-1	
Unterteil für Buchsenkontakte Bottom part for female contacts			
	MDL2.HN.D.15.Bu.C MDL2.HN.D.18.Bu.C		0-1103017-2 0-1103076-2

Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
 Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

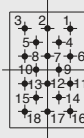
Maßbild mm
 Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
 Contact arrangement termination side: top part

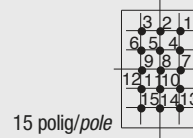


15 polig/pole

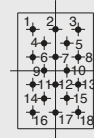


18 polig/pole

Kontaktanordnung Anschlußseite: Unterteil
 Contact arrangement termination side: bottom part



15 polig/pole



18 polig/pole

HD-Modul/HD-Module

für HD.M Crimp Kontakte

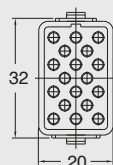
for HD.M crimp contacts

Kontaktzahlen
No. of contacts**18****250V/10A**

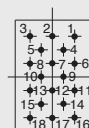
Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	MDL2.HD.18.Sti.C	0-1103016-1	
Unterteil für Buchsenkontakte Bottom part for female contacts			
	MDL2.HD.18.Bu.C		0-1103016-2

Passende Crimpkontakte siehe Seite 35, Fiberkontakte siehe Seite 44, Passende Crimpwerkzeuge siehe Seite 35 + 44
 Suitable Crimp contacts see page 35, Suitable fiber contacts see page 44, Suitable Crimping tools see page 35 + 44

Maßbild mm
 Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
 Contact arrangement termination side: top part



Kontaktanordnung Anschlußseite: Unterteil
 Contact arrangement termination side: bottom part



Dynamic 2800 Modul/Dynamic 2800 Module

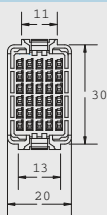
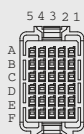
für Dynamic Kontakte

for Dynamic contacts

Kontaktzahlen
No. of contacts
30
250V/5A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseneinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	Dynamic D-2800 Rec Hsg 30p	0-1747365-1	
Unterteil für Buchsenkontakte Bottom part for female contacts			
	Dynamic D-2800 Tab Hsg 30p		0-1747366-1

Passende Kontakte siehe Seite 33, Passende Werkzeuge siehe Seite 33
 Suitable Contacts see page 33, Suitable tools see page 33

Maßbild mm
Dimensions mm

 Kontakthanordnung Anschlußseite: Oberteil
 Contact arrangement termination side: top part

 Kontakthanordnung Anschlußseite: Unterteil
 Contact arrangement termination side: bottom part


Dynamic 3800 Modul/Dynamic 3800 Module

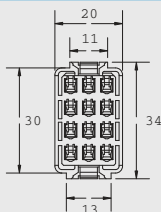
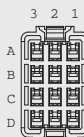
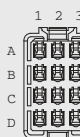
für Dynamic Kontakte

for Dynamic contacts

Kontaktzahlen
No. of contacts
12
600V/8A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseneinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	Dynamic D-3800	0-1747363-1	
Unterteil für Buchsenkontakte Bottom part for female contacts			
	Dynamic D-3800		0-1747364-1

Passende Kontakte siehe Seite 33, Passende Werkzeuge siehe Seite 33
 Suitable Contacts see page 33, Suitable tools see page 33

Maßbild mm
Dimensions mm

 Kontakthanordnung Anschlußseite: Oberteil
 Contact arrangement termination side: top part

 Kontakthanordnung Anschlußseite: Unterteil
 Contact arrangement termination side: bottom part


Twinax-Modul/Twinax-Module

für HVT Kontakte

for HVT contacts

Kontaktzahlen
No. of contacts

4

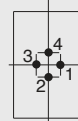
150V/16A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts 	Unterteil für Buchsenkontakte Bottom part for female contacts 	MDL2.TX4.5,4.Sti.C	0-1103023-1
		MDL2.TX4.8,5.Sti.C	0-1103022-1
	MDL2.TX.MVB.Sti.C	0-1108785-1	
	MDL2.TX4.5,4.Bu.C		0-1103023-2
	MDL2.TX4.8,5.Bu.C		0-1103022-2
	MDL2.TX.MVB.Bu.C		0-1108786-1

Passende Crimpkontakte siehe Seite 38, Passende Crimpwerkzeuge siehe Seite 38
 Suitable Crimp contacts see page 38, Suitable Crimping tools see page 38

Maßbild mm
Dimensions mm

 Kontakthanordnung Anschlußseite: Oberteil
 Contact arrangement termination side: top part

 Kontakthanordnung Anschlußseite: Unterteil
 Contact arrangement termination side: bottom part


Koax-Modul/Coax-Module

für Coax Crimp Kontakte

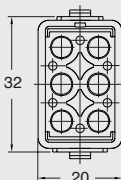
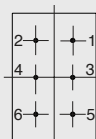
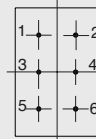
for Coax crimp contacts

Kontaktzahlen
No. of contacts

6

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts 	Unterteil für Buchsenkontakte Bottom part for female contacts 	MDL2.KX.58/59.Sti	0-1103021-1
		MDL2.KX.58/59.Bu	0-1103021-2

Passende Kontakte siehe Seite 43, Passende Werkzeuge siehe Seite 43
 Suitable contacts see page 43, Suitable tools see page 41

Maßbild mm
Dimensions mm

 Kontakthanordnung Anschlußseite: Oberteil
 Contact arrangement termination side: top part

 Kontakthanordnung Anschlußseite: Unterteil
 Contact arrangement termination side: bottom part


Koax-VT-Modul/Coax-VT-Module

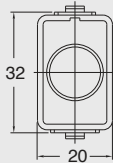
Kontaktzahlen
No. of contacts

1

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	MDL2.KX.VT.Sti MDL2.KX.VT.Bu	0-1103020-1	0-1103020-2
Unterteil für Buchsenkontakte Bottom part for female contacts			

Passende Coax Kontakte siehe Seite 43 (Typ KX.VT)
Suitable Coax contacts see page 43 (Type KX.VT)

Maßbild mm
Dimensions mm



Kontaktzahlen
No. of contacts

8

Ethernet Anwendung mit RJ45/Ethernet application with RJ45

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Jack	Plug
Oberteil/Top part	MDL2.45.Jack.5e* MDL2.45.Jack.2**	0-1108812-1 0-1108812-2	0-1108813-1
Unterteil/Bottom part			
	MDL2.45.Plug		0-1108813-1
	MJ Plug ,Cat5		5-569550-4

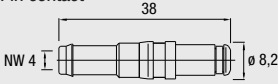
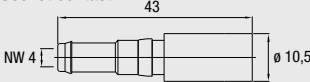
*CAT5e
**CAT2

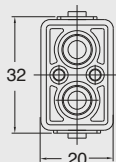
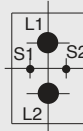
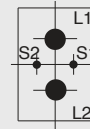
Passendes Werkzeug: 1-853400-0
Suitable tool: 1-853400-0

Pneumatik Modul/Pneumatic Module

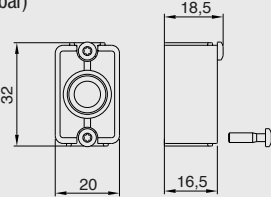
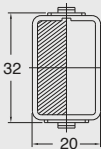
10 bar

Kontaktzahlen
No. of contacts
2 + 2

Bezeichnung Description		Bestelltext Designation	Bestell-Nr./Order No.	
			Stifteinsatz Male insert	Buchseinsatz Female insert
Oberteil/Top part	Unterteil/Bottom part	MDL2-AIR.Sti*	0-1103025-1	
		MDL2-AIR.Bu*		0-1103025-2
Kontakte/contacts	Stiftkontakt Pin contact	AIR.Sti.4mm,VA	0-1105354-1	
		AIR.Bu.V4VA mit Ventil/with valve		0-1105355-1
	Buchsenkontakt Socket contact	AIR.Bu.4VA ohne Ventil/without valve		0-1105355-2
		Ausdrückwerkzeug	0-1102985-1	
Ausdrückwerkzeug/Extraction tool				

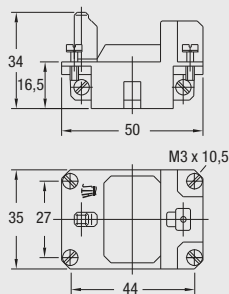
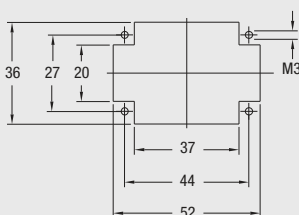
Maßbild mm
Dimensions mm

Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part

Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part


Erdmodul/Earth-Module, Blindmodul/Blind-Module

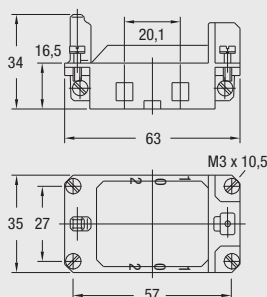
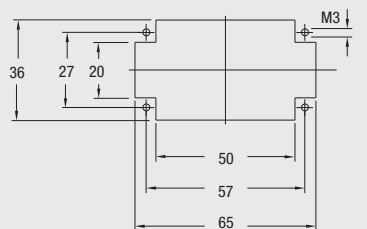
Bezeichnung Description		Bestelltext Designation	Bestell-Nr./Order No.	
			Oberteil Top part	Unterteil Bottom part
Blindmodul/Blind module				
Modulkörper für Erdkontaktierung (für Stift und Buchse verwendbar) Modular block for earth		MDL.E.C-6mm	0-1110957-1	
		MDL2.Blindmodul		0-1103014-1
				
Passende Kontakte siehe Seite 42 Suitable contacts see page 42				

Modul Halterahmen/Module Fixing Frame**Baugröße/Size 3/4****Bezeichnung
Description****Halterahmen/Fixing frame**

Für Modul MDL Seite 194–203
For module MDL page 194–203

**Montageausschnitt/Panel cut-out****Halterahmen/Fixing frame**

Für Modul MDL Seite 194–203
For module MDL page 194–203

**Montageausschnitt/Panel cut-out****Bestelltext
Designation**

MDL2-GR.0/U-3

MDL2-GR.0-4/B.1-2
MDL2-GR.U-4/B.1-2

Bestell-Nr./Order No.
Oberteil
Top part

0-1108784-1

0-1108783-1

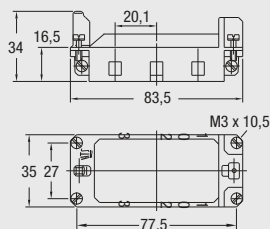
Unterteil
Bottom part

0-1108784-1

0-1108783-2

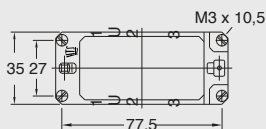
Modul Halterahmen/Module Fixing Frame**Baugröße/Size 6/8****Bezeichnung
Description**

Halterahmen/Fixing frame



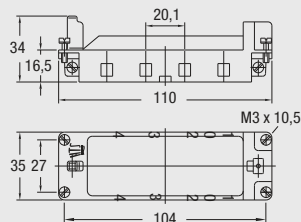
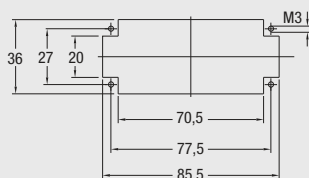
MDL2-GR.0-6/B.1-3

0-1108782-1



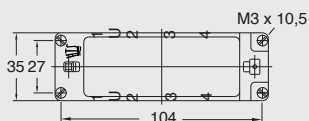
MDL2-GR.U-6/B.1-3

0-1108782-2

Montageausschnitt/Panel cut-out

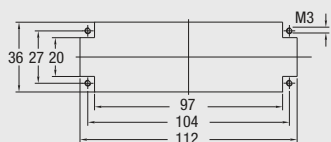
MDL2-GR.0-8/B.1-4

0-1108780-1



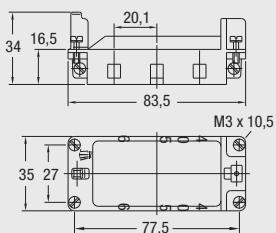
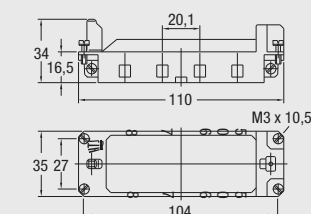
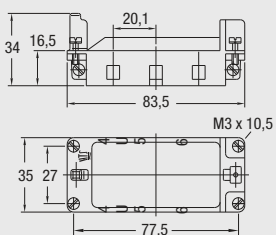
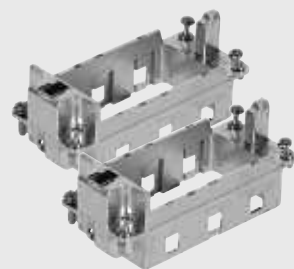
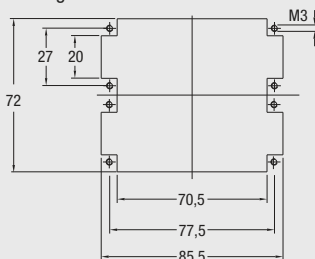
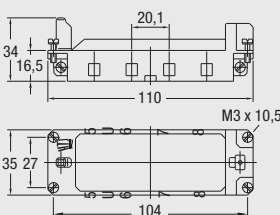
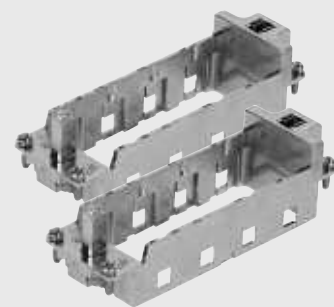
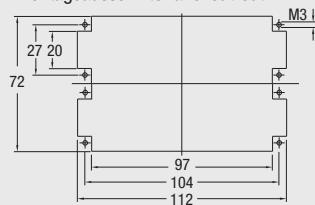
MDL2-GR.U-8/B.1-4

0-1108780-2

Montageausschnitt/Panel cut-out

Modul Halterahmen/Module Fixing Frame**Baugröße/Size 10/12****Bezeichnung
Description**

Halterahmen/Fixing frame

**Montageausschnitt/Panel cut-out****Montageausschnitt/Panel cut-out****Bestelltext
Designation**MDL2-GR.0-6/B.1-3
MDL2-GR.0-6/B.4-6MDL2-GR.U-6/B.1-3
MDL2-GR.U-6/B.4-6MDL2-GR.0-8/B.1-4
MDL2-GR.0-8/B.5-8MDL2-GR.U-8/B.1-4
MDL2-GR.U-8/B.5-8**Bestell-Nr./Order No.
Oberteil
Top part**0-1108782-1
0-1108782-40-1108780-1
0-1108780-6**Unterteil
Bottom part**0-1108782-2
0-1108782-50-1108780-2
0-1108780-7

HVS-HSS-Modul/HVS-HSS-Module

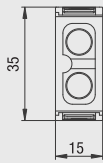
für HSS Crimp Kontakte

for HSS crimp contacts

Kontaktzahlen
No. of contacts
2
500V/63A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseneinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	HVS-HSS.2.Sti.C	0-1103275-1	
Unterteil für Buchsenkontakte Bottom part for female contacts			0-1103274-1

Passende Crimpkontakte siehe Seite 41, Passende Crimpwerkzeuge siehe Seite 41
 Suitable Crimp contacts see page 41, Suitable Crimping tools see page 41

Maßbild mm
Dimensions mm

 Kontakthanordnung Anschlußseite: Oberteil
 Contact arrangement termination side: top part

 Kontakthanordnung Anschlußseite: Unterteil
 Contact arrangement termination side: bottom part


HVS-HSK-Modul/HVS-HSK-Module

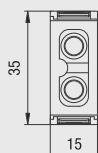
für HSK Crimp Kontakte

for HSK crimp contacts

Kontaktzahlen
No. of contacts
2
1000V/40A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseneinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	HVS-HSK.2.Sti.C	0-1103270-1	
Unterteil für Buchsenkontakte Bottom part for female contacts			0-1103271-1

Passende Crimpkontakte siehe Seite 39, Passende Crimpwerkzeuge siehe Seite 39
 Suitable Crimp contacts see page 39, Suitable Crimping tools see page 39

Maßbild mm
Dimensions mm

 Kontakthanordnung Anschlußseite: Oberteil
 Contact arrangement termination side: top part

 Kontakthanordnung Anschlußseite: Unterteil
 Contact arrangement termination side: bottom part


HVS-HSK-Modul/HVS-HSK-Module

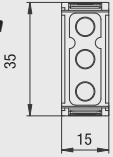
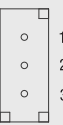
für HSK Crimp Kontakte

for HSK crimp contacts

Kontaktzahlen
No. of contacts
3
690V/40A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Oberteil für Stiftkontakte <i>Top part for male contacts</i> 	HVS-HSK.3.Sti.C	0-1103272-1	
	HVS-HSK.3.Bu.C		0-1103273-1
Unterteil für Buchsenkontakte <i>Bottom part for female contacts</i> 			

 Passende Crimpkontakte siehe Seite 39, Passende Crimpwerkzeuge siehe Seite 39
 Suitable Crimp contacts see page 39, Suitable Crimping tools see page 39

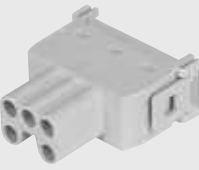
Maßbild mm Dimensions mm 	Kontaktnummering Anschlußseite: Oberteil Contact arrangement termination side: top part 	Kontaktnummering Anschlußseite: Unterteil Contact arrangement termination side: bottom part 
---	---	--

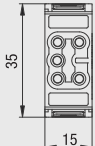
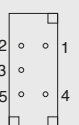
HVS-HE 5-Modul/HVS-HE 5-Module

für HE Spring Clamp Kontakte

for HE spring clamp contacts

Kontaktzahlen
No. of contacts
5
400V/16A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Oberteil für Stiftkontakte <i>Top part for male contacts</i> 	HVS-HE.5.Sti.SC	0-1103133-1	
	HVS-HE.5.Bu.SC		0-1103134-1
Unterteil für Buchsenkontakte <i>Bottom part for female contacts</i> 			

Maßbild mm Dimensions mm 	Kontaktnummering Anschlußseite: Oberteil Contact arrangement termination side: top part 	Kontaktnummering Anschlußseite: Unterteil Contact arrangement termination side: bottom part 
--	---	---

HVS-HE 6-Modul/HVS-HE 6-Module

für HE Crimp Kontakte

for HE crimp contacts

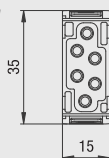
Kontaktzahlen
No. of contacts

6

500V/16A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	HVS-HE.6.Sti.C	0-1103244-1	
Unterteil für Buchsenkontakte Bottom part for female contacts			0-1103245-1

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
 Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm
Dimensions mm

 Kontakthanordnung Anschlußseite: Oberteil
 Contact arrangement termination side: top part

 Kontakthanordnung Anschlußseite: Unterteil
 Contact arrangement termination side: bottom part


HVS-HE 8-Modul/HVS-HE 8-Module

für HE Crimp Kontakte

for HE crimp contacts

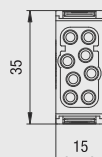
Kontaktzahlen
No. of contacts

8

400V/16A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	HVS-HE.8.Sti.C	0-1103140-1	
Unterteil für Buchsenkontakte Bottom part for female contacts			0-1103141-1

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
 Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

Maßbild mm
Dimensions mm

 Kontakthanordnung Anschlußseite: Oberteil
 Contact arrangement termination side: top part

 Kontakthanordnung Anschlußseite: Unterteil
 Contact arrangement termination side: bottom part


HVS-HE 20-Modul/HVS-HE 20-Module

für HE Crimp Kontakte

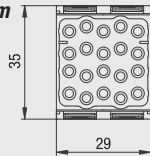
for HE crimp contacts

Kontaktzahlen
No. of contacts
20
500V/16A

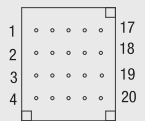
Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	HVS-HE.20.Sti.C	0-1103144-1	0-1103145-1
Unterteil für Buchsenkontakte Bottom part for female contacts			

Passende Crimpkontakte siehe Seite 37, Passende Crimpwerkzeuge siehe Seite 37
 Suitable Crimp contacts see page 37, Suitable Crimping tools see page 37

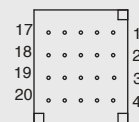
Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part



Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part



HVS-HN.D.12-Modul/HVS-HN.D.12-Module

für HN.D Crimp Kontakte

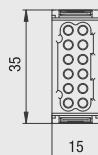
for HN.D crimp contacts

Kontaktzahlen
No. of contacts
12
250V/10A

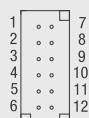
Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	HVS-HN.D.12.Sti.C	0-1103277-1	0-1103276-1
Unterteil für Buchsenkontakte Bottom part for female contacts			

Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
 Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

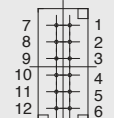
Maßbild mm
Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
Contact arrangement termination side: top part



Kontaktanordnung Anschlußseite: Unterteil
Contact arrangement termination side: bottom part



HVS-HN.D.17-Modul/HVS-HN.D.17-Module

für HN.D Crimp Kontakte

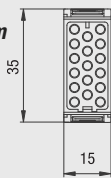
for HN.D crimp contacts

Kontaktzahlen
No. of contacts**17****250V/10A**

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseneinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	HVS-HN.D.17.Sti.C	0-1103278-1	
Unterteil für Buchsenkontakte Bottom part for female contacts			0-1103279-1

Passende Crimpkontakte siehe Seite 34, Passende Crimpwerkzeuge siehe Seite 34
 Suitable Crimp contacts see page 34, Suitable Crimping tools see page 34

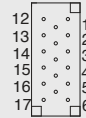
Maßbild mm
 Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
 Contact arrangement termination side: top part



Kontaktanordnung Anschlußseite: Unterteil
 Contact arrangement termination side: bottom part

**HVS-MM.17-Modul/HVS-MM.17-Module**

für HD Crimp Kontakte, POF Optische Kontakte

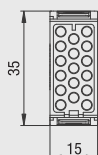
for HD crimp contacts, POF Fiber contacts

Kontaktzahlen
No. of contacts**17****250V/10A**

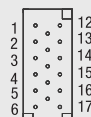
Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseneinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	HVS-MM.17.Sti.C	0-1103280-1	
Unterteil für Buchsenkontakte Bottom part for female contacts			0-1103281-1

Passende Crimpkontakte siehe Seite 35 + 44, Passende Crimpwerkzeuge siehe Seite 35 + 44
 Suitable Crimp contacts see page 35 + 44, Suitable Crimping tools see page 35 + 44

Maßbild mm
 Dimensions mm



Kontaktanordnung Anschlußseite: Oberteil
 Contact arrangement termination side: top part



Kontaktanordnung Anschlußseite: Unterteil
 Contact arrangement termination side: bottom part



HVS-S20 DF-Modul/HVS-S20 DF-Module

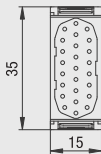
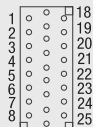
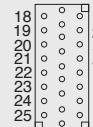
für Sub D Crimp Kontakte

for Sub D crimp contacts

Kontaktzahlen
No. of contacts
25
50V/5A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseneinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	HVS-S20DF.25.Sti.C	0-1103260-1	
Unterteil für Buchsenkontakte Bottom part for female contacts			0-1103261-1

Passende Crimpkontakte siehe Seite 32, Passende Crimpwerkzeuge siehe Seite 32
 Suitable Crimp contacts see page 32, Suitable Crimping tools see page 32

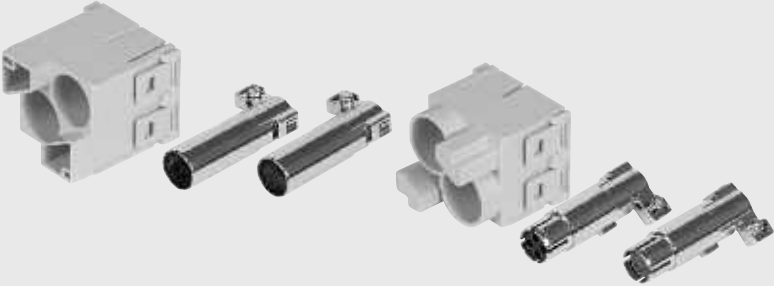
Maßbild mm
Dimensions mm

 Kontaktnummering Anschlußseite: Oberteil
 Contact arrangement termination side: top part

 Kontaktnummering Anschlußseite: Unterteil
 Contact arrangement termination side: bottom part


HVS-TX-Modul/HVS-TX-Module

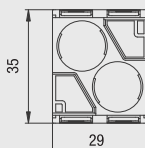
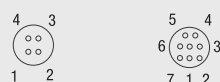
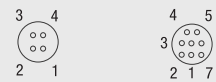
für HN.D Crimp Kontakte

for HN.D crimp contacts

Kontaktzahlen
No. of contacts
2
50V/10A, 50V/5A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseneinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	HVS-TX.2.Sti	0-1103267-1	
Unterteil für Buchsenkontakte Bottom part for female contacts	HVS-TX.HN.D.4.Sti.C	0-1103283-1	
	HVS-TX.S20DF.8.Sti.C	0-1103291-1	
	HVS-TX.2.Bu		0-1103269-1
	HVS-TX.HN.D.4.Bu.C		0-1103286-1
	HVS-TX.S20DF.8.Bu.C		0-1103297-1

Passende HN.D Crimpkontakte siehe Seite 34, passende S20DF Crimpkontakte siehe Seite 32, Passende Crimpwerkzeuge siehe Seite 32/34
 Suitable HN.D Crimp contacts see page 34, suitable S20DF Crimp contacts see page 32, Suitable Crimping tools see page 32/34

Maßbild mm
Dimensions mm

 Kontaktnummering Anschlußseite: Oberteil
 Contact arrangement termination side: top part

 Kontaktnummering Anschlußseite: Unterteil
 Contact arrangement termination side: bottom part


HVS-MVB-Modul/HVS-MVB-Module

für HN.D Crimp Kontakte

for HN.D crimp contacts

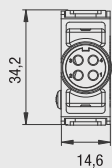
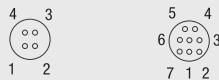
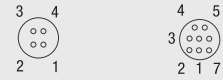
Kontaktzahlen
No. of contacts

4/8

50V/10A, 50V/5A

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	HVS-MVB.HND.4.Sti.C HVS-MVB.S20DF.8.Sti.C	0-1103251-1 0-1103258-1	
Unterteil für Buchsenkontakte Bottom part for female contacts			
	HVS-MVB.HND.4.Bu.C HVS-MVB.S20DF.8.Bu.C		0-1103253-1 0-1103259-1
			

Passende HN.D Crimpkontakte siehe Seite 34, passende S20DF Crimpkontakte siehe Seite 32, Passende Crimpwerkzeuge siehe Seite 32/34
 Suitable HN.D Crimp contacts see page 34, suitable S20DF Crimp contacts see page 32, Suitable Crimping tools see page 32/34

Maßbild mm
Dimensions mm

 Kontakthanordnung Anschlußseite: Oberteil
 Contact arrangement termination side: top part

 Kontakthanordnung Anschlußseite: Unterteil
 Contact arrangement termination side: bottom part


HVS-Air-Modul/HVS-Air-Module

für Air Kontakte

for Air contacts

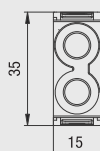
Kontaktzahlen
No. of contacts

2

10 bar

Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No.	
		Stifteinsatz Male insert	Buchseinsatz Female insert
Oberteil für Stiftkontakte Top part for male contacts	HVS-Air.2.Sti	0-1103246-1	
Unterteil für Buchsenkontakte Bottom part for female contacts			
	HVS-Air.2.Bu		0-1103247-1
			

Passende Kontakte siehe Seite 200
 Suitable Contacts see page 200

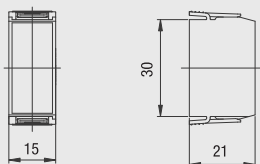
Maßbild mm
Dimensions mm

 Kontakthanordnung Anschlußseite: Oberteil
 Contact arrangement termination side: top part

 Kontakthanordnung Anschlußseite: Unterteil
 Contact arrangement termination side: bottom part


Blindmodul/Blind-Module

Bezeichnung Description

Blindmodul/Blind module



Bestelltext Designation

HVS-Blindmodul

Bestell-Nr./Order No.

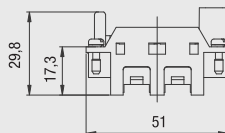
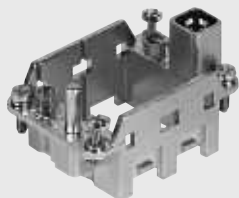
0-1103266-1

Modul Halterahmen/Module Fixing Frame

Baugröße/Size 3/4

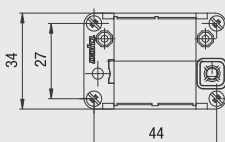
Bezeichnung Description

Halterahmen/Fixing frame



HVS-R.0 1-2

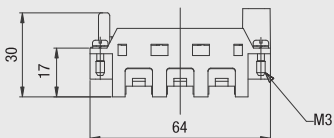
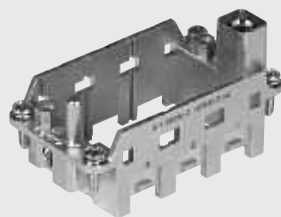
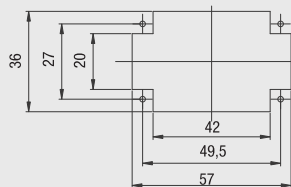
0-1103250-7



HVS-R.U 1-2

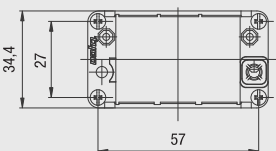
0-1103250-8

Montageausschnitt/Panel cut-out



HVS-R.0 1-3

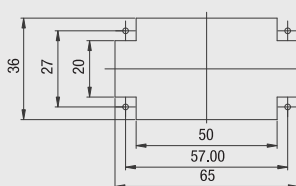
0-1103250-5

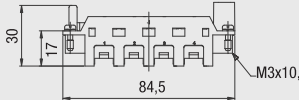
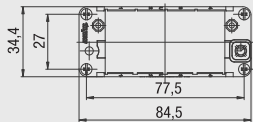
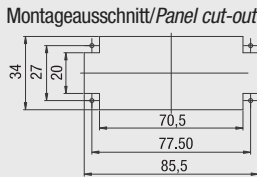
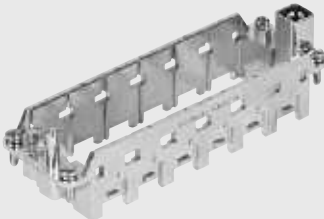
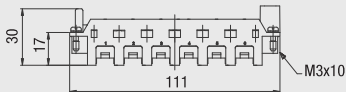
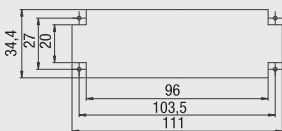


HVS-R.U 1-3

0-1103250-6

Montageausschnitt/Panel cut-out

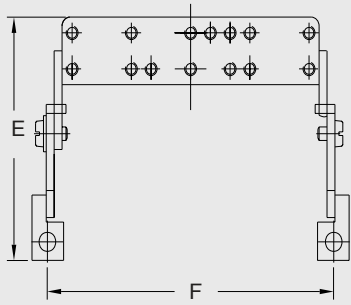


Modul Halterahmen/Module Fixing Frame		Baugröße/Size 6/8		
Bezeichnung Description	Bestelltext Designation	Bestell-Nr./Order No. Oberteil Top part		
Halterahmen/Fixing frame	HVS-R.O 1-4	0-1103250-3		
	HVS-R.U 1-4	0-1103250-4		
       	HVS-R.O 1-6	0-1103250-1		
	HVS-R.U 1-6	0-1103250-2		
Kodierset für Modulrahmen Serie HVS mit 36 Kodiemöglichkeiten Coding set for Module fixing frames Series HVS with 36 coding possibilities	Codeset HVS	530341-1		
				

Schirmkontaktbügel/Screen termination

zur nachträglichen Montage am Modulrahmen Serie MDL.2

or post-assembly on Module fixing frame series MDL.2

Bezeichnung Description	Maßbild mm Dimensions mm	Bestelltext Designation	Bestell-Nr. Order No.
 Schirmkontaktbügel, schwenkbar Screen termination, rotatable	 Maß/Measure mm E F		
Baugröße/Size 3	45,4 36	MDL.2-SBS.Bg3	2-1106310-9
Baugröße/Size 4	45,4 52	MDL.2-SBS.Bg4	2-1106311-9
Baugröße/Size 6	45,4 72,5	MDL.2-SBS.Bg6	2-1106312-9
Baugröße/Size 8	53,9 96	MDL.2-SBS.Bg8	2-1106313-9

Zubehör für Schirmkontaktbügel/Accessories for screen termination

Schellenset Cable clamp  Erdungsband Grounding terminal  Schrauben-Set Screw set 	Schellenset/Cable clamp 4,5mm 5mm 6mm 7mm 8mm 9mm 10mm Erdungsband Grounding terminal Set 90mm Set 120mm Set 220mm Schrauben-Set/Screw set	1-1106302-9 2-1106302-9 3-1106302-9 4-1106302-9 5-1106302-9 6-1106302-9 7-1106302-9 1-1106303-9 2-1106303-9 3-1106303-9 1-1106304-9
--	---	---

Sortiert nach Tyco-PN/Sorted by Tyco PN

Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite
0-0045740-2	43	0-1102897-2	82	0-1103170-2	51	0-1106407-2	54	0-1106431-3	90	0-1106451-8	116
0-0090364-2	44	0-1102898-1	82	0-1103171-1	51	0-1106408-1	53	0-1106431-4	96	0-1106451-9	124
0-0100281-1	44	0-1102898-2	82	0-1103171-2	51	0-1106408-2	53	0-1106431-5	87	0-1106452-1	116
0-0100281-2	44	0-1102899-1	73	0-1103172-1	52	0-1106408-3	53	0-1106431-7	90	0-1106452-2	120
0-0100606-2	44	0-1102918-1	67	0-1103172-2	52	0-1106409-1	65	0-1106431-7	92	0-1106452-3	118
0-0163083-7	35	0-1102918-2	67	0-1103173-1	52	0-1106410-1	65	0-1106431-8	96	0-1106452-4	115
0-0164160-4	35	0-1102919-1	67	0-1103173-2	52	0-1106410-2	64	0-1106432-1	94	0-1106452-5	120
0-0164161-4	35	0-1102919-2	67	0-1103174-1	52	0-1106411-1	63	0-1106432-2	89	0-1106452-6	118
0-0164161-9	35	0-1102920-1	116	0-1103174-2	52	0-1106411-2	63	0-1106432-3	94	0-1106452-7	116
0-0166824-2	35	0-1102921-1	44	0-1103176-1	184	0-1106411-6	63	0-1106432-4	89	0-1106452-8	120
0-0216341-1	44	0-1102978-2	177	0-1103176-2	184	0-1106412-1	65	0-1106433-1	91	0-1106452-9	118
0-0216342-1	44	0-1102983-1	150	0-1103244-1	206	0-1106413-1	65	0-1106433-2	94	0-1106453-1	126
0-0305183-8	43	0-1102985-1	200	0-1103245-1	206	0-1106413-2	64	0-1106433-3	93	0-1106454-1	125
0-0501198-1	44	0-1103014-1	200	0-1103246-1	210	0-1106414-1	63	0-1106433-4	88	0-1106454-2	125
0-0539744-2	35	0-1103015-1	195	0-1103247-1	210	0-1106414-2	63	0-1106433-5	91	0-1106455-1	131
0-0734423-1	44	0-1103015-2	195	0-1103250-1	138	0-1106415-2	80	0-1106433-6	94	0-1106455-2	130
0-1102075-1	113	0-1103016-1	196	0-1103250-1	212	0-1106415-3	80	0-1106433-7	93	0-1106456-1	130
0-1102076-1	113	0-1103016-2	196	0-1103250-2	171	0-1106416-3	79	0-1106433-8	88	0-1106456-2	131
0-1102077-1	137	0-1103017-1	196	0-1103250-2	212	0-1106416-4	79	0-1106434-1	87	0-1106456-3	130
0-1102081-1	182	0-1103017-2	196	0-1103250-3	114	0-1106417-1	76	0-1106434-2	92	0-1106456-4	131
0-1102082-1	182	0-1103018-1	195	0-1103250-3	212	0-1106417-2	76	0-1106434-3	90	0-1106459-1	130
0-1102192-1	176	0-1103018-2	195	0-1103250-4	171	0-1106418-1	75	0-1106434-4	87	0-1106459-2	131
0-1102192-2	176	0-1103019-1	194	0-1103250-4	212	0-1106418-2	74	0-1106434-5	92	0-1106459-3	130
0-1102194-1	46	0-1103019-2	194	0-1103250-5	86	0-1106418-3	75	0-1106434-6	90	0-1106459-4	131
0-1102195-1	46	0-1103020-1	199	0-1103250-5	211	0-1106418-4	74	0-1106434-7	87	0-1106460-2	151
0-1102677-1	137	0-1103020-2	199	0-1103250-6	159	0-1106418-5	78	0-1106434-8	92	0-1106461-3	150
0-1102789-1	39	0-1103021-1	198	0-1103250-6	211	0-1106418-6	78	0-1106434-9	90	0-1106461-4	150
0-1102790-1	39	0-1103021-2	198	0-1103250-7	72	0-1106419-1	73	0-1106435-1	99	0-1106461-8	150
0-1102792-1	150	0-1103022-1	198	0-1103250-7	201	0-1106419-2	73	0-1106436-1	98	0-1106462-2	150
0-1102836-1	176	0-1103022-2	198	0-1103250-7	211	0-1106419-3	73	0-1106436-2	98	0-1106463-1	147
0-1102836-2	176	0-1103023-1	198	0-1103250-8	159	0-1106419-4	73	0-1106436-3	98	0-1106463-2	141
0-1102837-1	176	0-1103023-2	198	0-1103250-8	201	0-1106419-5	77	0-1106436-4	98	0-1106463-3	147
0-1102837-2	176	0-1103024-1	194	0-1103250-8	211	0-1106419-6	77	0-1106436-5	98	0-1106464-1	143
0-1102838-1	176	0-1103024-2	194	0-1103251-1	210	0-1106420-1	73	0-1106436-6	98	0-1106464-2	146
0-1102838-2	176	0-1103025-1	200	0-1103258-1	210	0-1106420-2	77	0-1106437-1	105	0-1106464-3	146
0-1102839-1	176	0-1103025-2	200	0-1103260-1	209	0-1106420-3	77	0-1106438-1	105	0-1106464-4	141
0-1102839-3	176	0-1103028-1	189	0-1103261-1	209	0-1106421-1	76	0-1106438-2	104	0-1106464-5	143
0-1102839-4	176	0-1103028-2	189	0-1103266-1	211	0-1106421-2	76	0-1106439-1	103	0-1106464-6	146
0-1102840-1	176	0-1103070-1	55	0-1103267-1	209	0-1106422-1	75	0-1106439-2	103	0-1106464-7	146
0-1102840-2	176	0-1103071-1	55	0-1103269-1	209	0-1106422-2	75	0-1106440-1	105	0-1106464-8	141
0-1102840-3	176	0-1103072-1	57	0-1103270-1	204	0-1106422-3	75	0-1106441-1	105	0-1106465-1	140
0-1102840-4	176	0-1103072-2	57	0-1103271-1	204	0-1106422-4	75	0-1106441-2	104	0-1106465-2	145
0-1102855-1	35	0-1103073-1	56	0-1103272-1	205	0-1106422-5	78	0-1106442-1	103	0-1106465-3	142
0-1102855-1	44	0-1103073-2	56	0-1103273-1	205	0-1106423-1	74	0-1106442-2	103	0-1106465-4	139
0-1102855-2	34	0-1103073-3	56	0-1103274-1	204	0-1106423-2	73	0-1106443-1	126	0-1106465-5	144
0-1102855-3	38	0-1103073-4	56	0-1103275-1	204	0-1106423-3	74	0-1106444-1	125	0-1106465-6	142
0-1102855-4	40	0-1103074-1	59	0-1103276-1	207	0-1106423-4	73	0-1106444-2	125	0-1106465-7	140
0-1102855-5	41	0-1103074-2	59	0-1103277-1	207	0-1106423-5	77	0-1106445-2	126	0-1106465-8	145
0-1102855-6	34	0-1103074-3	59	0-1103278-1	208	0-1106424-1	80	0-1106446-3	125	0-1106466-7	148
0-1102855-6	35	0-1103074-4	59	0-1103279-1	208	0-1106424-2	80	0-1106446-4	125	0-1106466-8	148
0-1102855-6	37	0-1103074-5	59	0-1103280-1	208	0-1106425-1	79	0-1106447-1	122	0-1106467-1	140
0-1102855-6	38	0-1103074-6	59	0-1103281-1	208	0-1106425-2	79	0-1106447-2	117	0-1106467-4	139
0-1102855-6	39	0-1103076-1	196	0-1103283-1	209	0-1106425-3	79	0-1106447-4	117	0-1106467-5	144
0-1102855-6	40	0-1103076-2	196	0-1103286-1	209	0-1106425-4	79	0-1106448-1	119	0-1106467-7	140
0-1102855-6	44	0-1103091-1	55	0-1103291-1	209	0-1106425-6	79	0-1106448-2	122	0-1106468-1	147
0-1102855-7	37	0-1103092-1	58	0-1103297-1	209	0-1106426-2	99	0-1106448-3	121	0-1106468-2	141
0-1102855-8	39	0-1103092-2	58	0-1104700-1	113	0-1106427-3	98	0-1106448-4	116	0-1106469-1	143
0-1102856-1	--	0-1103092-3	58	0-1104701-1	113	0-1106427-4	98	0-1106448-5	119	0-1106469-2	146
0-1102858-1	--	0-1103092-4	58	0-1105354-1	200	0-1106428-1	94	0-1106448-6	122	0-1106469-3	146
0-1102860-1	--	0-1103092-5	58	0-1105355-1	200	0-1106428-2	89	0-1106448-7	121	0-1106469-4	141
0-1102862-1	--	0-1103092-6	58	0-1105355-2	200	0-1106428-4	89	0-1106448-9	116	0-1106469-5	143
0-1102874-1	50	0-1103092-7	58	0-1106062-6	192	0-1106429-1	91	0-1106449-1	115	0-1106469-6	146
0-1102877-1	153	0-1103092-8	58	0-1106062-7	192	0-1106429-2	94	0-1106449-2	120	0-1106469-7	146
0-1102877-2	153	0-1103092-9	58	0-1106258-3	185	0-1106429-3	93	0-1106449-3	118	0-1106469-8	141
0-1102879-1	154	0-1103095-1	55	0-1106258-4	185	0-1106429-4	88	0-1106449-4	115	0-1106469-9	97
0-1102879-2	154	0-1103096-1	55	0-1106259-3	185	0-1106429-5	91	0-1106449-5	120	0-1106470-1	140
0-1102886-1	133	0-1103108-1	101	0-1106259-4	185	0-1106429-6	94	0-1106449-6	118	0-1106470-2	145
0-1102886-1	170	0-1103108-1	128	0-1106401-2	54	0-1106429-7	93	0-1106449-7	115	0-1106470-3	142
0-1102886-2	170	0-1103109-1	101	0-1106401-3	54	0-1106429-8	88	0-1106449-8	120	0-1106470-4	139
0-1102886-4	133	0-1103109-1	128	0-1106401-4	54	0-1106429-9	97	0-1106449-9	118	0-1106470-5	144
0-1102887-1	133	0-1103133-1	205	0-1106402-2	53	0-1106430-1	87	0-1106450-1	122	0-1106470-6	142
0-1102887-1	170	0-1103134-1	205	0-1106402-3	53	0-1106430-2	92	0-1106450-2	117	0-1106470-7	140
0-1102887-2	170	0-1103140-1	206	0-1106403-1	50	0-1106430-3	90	0-1106450-3	122	0-1106470-8	145
0-1102887-4	133	0-1103141-1	206	0-1106404-1	50	0-1106430-4	87	0-1106450-4	117	0-1106470-9	142
0-1102892-1	48	0-1103144-1	207	0-1106404-3	50	0-1106430-5	92	0-1106451-1	119	0-1106471-9	148
0-1102893-1	48	0-1103145-1	207	0-1106405-1	49	0-1106430-6	90	0-1106451-2	122	0-1106472-1	151
0-1102895-1	107	0-1103155-1	56	0-1106405-2	46	0-1106430-7	87	0-1106451-3	121	0-1106472-2	151
0-1102895-3	107	0-1103155-2	56	0-1106405-3	49	0-1106430-8	92	0-1106451-4	116	0-1106473-1	150
0-1102896-1	107	0-1103169-1	51	0-1106406-1	49	0-1106430-9	90	0-1106451-5	119	0-1106473-2	150
0-1102896-3	107	0-1103169-2	51	0-1106406-3	49	0-1106431-1	87	0-1106451-6	122	0-1106473-3	150
0-1102897-1	82	0-1103170-1	51	0-1106407-1	54	0-1106431-2	92	0-1106451-7	121	0-1106473-4	150

Sortiert nach Tyco-PN/Sorted by Tyco PN

Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite
0-1106474-1	150	0-1108782-2	114	1-1102106-2	49	1-1102271-2	93	1-1102352-1	160	1-1102519-2	94
0-1106474-2	150	0-1108782-2	159	1-1102107-2	49	1-1102271-8	96	1-1102352-2	164	1-1102523-2	94
0-1106475-2	161	0-1108782-2	202	1-1102109-2	50	1-1102274-1	88	1-1102352-8	165	1-1102523-6	91
0-1106476-1	162	0-1108782-2	203	1-1102110-2	50	1-1102274-2	93	1-1102354-1	161	1-1102525-2	94
0-1106476-2	164	0-1108782-4	159	1-1102112-2	50	1-1102274-8	97	1-1102354-8	165	1-1102527-2	94
0-1106476-4	161	0-1108782-4	203	1-1102114-2	50	1-1102276-1	88	1-1102356-1	161	1-1102530-7	103
0-1106476-5	162	0-1108782-5	159	1-1102117-7	63	1-1102276-2	93	1-1102356-8	165	1-1102533-7	103
0-1106476-8	161	0-1108782-5	203	1-1102120-7	63	1-1102276-8	97	1-1102359-1	161	1-1102536-7	103
0-1106477-1	160	0-1108783-1	86	1-1102121-2	64	1-1102279-1	89	1-1102360-2	164	1-1102539-7	103
0-1106477-2	163	0-1108783-2	86	1-1102122-2	64	1-1102279-2	94	1-1102360-6	162	1-1102541-2	104
0-1106477-4	160	0-1108784-1	72	1-1102124-2	64	1-1102282-1	89	1-1102362-2	164	1-1102543-2	104
0-1106477-5	163	0-1108784-1	201	1-1102126-2	64	1-1102282-2	94	1-1102362-6	162	1-1102545-2	104
0-1106477-6	162	0-1108785-1	198	1-1102128-2	65	1-1102283-2	93	1-1102364-6	162	1-1102547-2	104
0-1106477-7	160	0-1108786-1	198	1-1102130-2	65	1-1102283-6	91	1-1102373-7	172	1-1102549-2	105
0-1106477-8	163	0-1108794-2	59	1-1102133-2	65	1-1102286-2	94	1-1102376-7	172	1-1102551-2	105
0-1106480-1	167	0-1108795-1	57	1-1102136-7	103	1-1102286-6	91	1-1102379-7	172	1-1102553-2	105
0-1106480-2	167	0-1108795-2	57	1-1102139-7	103	1-1102288-2	94	1-1102382-7	172	1-1102555-2	105
0-1106481-1	173	0-1108795-3	57	1-1102140-2	104	1-1102288-6	91	1-1102385-7	172	1-1102561-2	105
0-1106481-2	173	0-1108795-4	57	1-1102141-2	104	1-1102291-1	140	1-1102388-7	172	1-1102564-1	118
0-1106481-4	173	0-1108795-4	59	1-1102143-2	104	1-1102291-2	145	1-1102389-2	173	1-1102564-3	123
0-1106482-1	172	0-1108808-1	55	1-1102145-2	104	1-1102291-8	149	1-1102391-2	173	1-1102564-6	115
0-1106482-2	172	0-1108812-1	199	1-1102147-2	105	1-1102292-1	118	1-1102393-2	173	1-1102564-7	120
0-1106482-4	172	0-1108812-2	199	1-1102149-2	105	1-1102292-3	123	1-1102395-2	173	1-1102567-1	118
0-1106482-6	172	0-1108813-1	199	1-1102152-2	105	1-1102292-6	115	1-1102397-2	173	1-1102567-3	123
0-1106515-1	178	0-1110505-1	182	1-1102155-1	131	1-1102292-7	120	1-1102405-3	148	1-1102567-6	115
0-1106516-1	178	0-1110661-3	185	1-1102155-6	130	1-1102295-1	118	1-1102408-3	148	1-1102567-7	120
0-1107196-1	186	0-1110661-4	185	1-1102158-1	131	1-1102295-6	115	1-1102411-6	139	1-1102570-1	118
0-1107196-2	186	0-1110684-3	185	1-1102158-6	130	1-1102295-7	120	1-1102411-7	144	1-1102570-6	116
0-1107196-3	186	0-1110684-4	185	1-1102160-1	130	1-1102296-1	116	1-1102414-6	140	1-1102570-7	120
0-1107197-1	186	0-1110939-3	178	1-1102162-1	130	1-1102296-2	121	1-1102416-7	--	1-1102573-1	118
0-1107197-2	186	0-1110948-1	42	1-1102164-1	130	1-1102296-8	123	1-1102418-7	--	1-1102573-6	116
0-1107197-3	186	0-1110949-1	42	1-1102165-1	131	1-1102299-1	116	1-1102419-2	--	1-1102573-7	120
0-1107198-1	187	0-1110950-2	175	1-1102167-1	131	1-1102299-2	121	1-1102420-2	--	1-1102575-1	116
0-1107198-2	187	0-1110950-4	175	1-1102169-1	131	1-1102299-8	124	1-1102422-2	--	1-1102575-2	121
0-1107199-1	187	0-1110951-2	175	1-1102172-7	153	1-1102301-1	116	1-1102424-2	--	1-1102577-1	116
0-1107199-2	187	0-1110951-4	175	1-1102175-7	153	1-1102301-2	121	1-1102427-7	63	1-1102577-2	121
0-1107200-1	187	0-1110952-1	42	1-1102176-2	153	1-1102301-8	124	1-1102430-7	63	1-1102579-1	116
0-1107200-2	187	0-1110952-2	42	1-1102177-2	153	1-1102304-1	117	1-1102433-7	63	1-1102579-2	121
0-1107201-1	187	0-1110952-3	42	1-1102179-2	154	1-1102304-2	122	1-1102436-7	63	1-1102581-1	116
0-1107201-2	187	0-1110952-5	42	1-1102181-2	154	1-1102305-2	121	1-1102438-2	64	1-1102581-2	121
0-1107202-1	186	0-1110952-7	42	1-1102183-2	154	1-1102305-6	119	1-1102440-2	64	1-1102584-1	117
0-1107202-2	186	0-1110952-9	42	1-1102185-2	154	1-1102308-2	122	1-1102442-2	64	1-1102584-2	122
0-1107203-1	186	0-1110953-5	42	1-1102205-3	77	1-1102308-6	119	1-1102444-2	64	1-1102587-1	117
0-1107203-2	186	0-1110953-6	42	1-1102205-7	73	1-1102310-2	122	1-1102446-2	65	1-1102587-2	122
0-1107204-1	187	0-1110953-7	42	1-1102211-1	90	1-1102310-6	119	1-1102448-2	65	1-1102589-2	122
0-1107204-2	187	0-1110953-8	42	1-1102211-3	96	1-1102316-1	142	1-1102450-2	65	1-1102589-6	119
0-1107204-3	187	0-1110953-9	42	1-1102211-6	87	1-1102316-3	148	1-1102452-2	65	1-1102591-2	122
0-1107204-4	187	0-1110955-1	175	1-1102211-7	92	1-1102316-6	139	1-1102455-2	65	1-1102591-6	119
0-1107205-1	187	0-1110955-2	175	1-1102214-6	87	1-1102316-7	144	1-1102458-2	65	1-1102593-2	122
0-1107205-2	187	0-1110955-3	175	1-1102220-3	123	1-1102319-1	142	1-1102461-3	77	1-1102593-6	119
0-1107205-3	187	0-1110955-4	175	1-1102220-6	115	1-1102319-3	148	1-1102461-7	73	1-1102595-2	122
0-1108533-1	151	0-1110956-1	42	1-1102229-3	148	1-1102319-6	139	1-1102467-7	74	1-1102595-6	119
0-1108534-1	125	0-1110956-2	42	1-1102232-3	148	1-1102319-7	144	1-1102472-2	75	1-1102600-5	53
0-1108573-5	73	0-1110956-3	42	1-1102233-3	174	1-1102325-1	142	1-1102472-8	78	1-1102601-5	54
0-1108600-1	43	0-1110956-4	42	1-1102234-3	174	1-1102325-6	140	1-1102474-2	75	1-1102602-5	53
0-1108601-1	43	0-1110956-5	42	1-1102235-3	174	1-1102325-7	145	1-1102474-8	78	1-1102603-5	53
0-1108616-1	43	0-1110956-6	42	1-1102236-3	174	1-1102328-1	142	1-1102480-2	75	1-1102604-5	80
0-1108617-1	43	0-1110956-7	42	1-1102237-8	174	1-1102328-6	140	1-1102482-2	75	1-1102605-5	80
0-1108628-1	43	0-1110957-1	200	1-1102240-3	77	1-1102328-7	145	1-1102489-2	76	1-1102606-5	79
0-1108629-1	43	0-1110960-1	175	1-1102240-7	73	1-1102331-1	141	1-1102496-1	90	1-1102610-5	99
0-1108713-1	79	0-1110960-2	175	1-1102243-7	73	1-1102331-2	146	1-1102496-3	96	1-1102611-5	99
0-1108723-1	178	0-1110960-3	175	1-1102244-2	74	1-1102331-8	149	1-1102496-6	87	1-1102612-5	99
0-1108741-3	--	0-1110984-4	59	1-1102244-8	77	1-1102333-1	141	1-1102496-7	92	1-1102616-5	126
0-1108761-1	111	0-1747363-1	197	1-1102246-2	74	1-1102333-2	146	1-1102499-1	90	1-1102617-5	126
0-1108762-1	111	0-1747364-1	197	1-1102249-2	74	1-1102333-8	149	1-1102499-3	96	1-1102618-5	125
0-1108780-1	138	0-1747365-1	197	1-1102249-8	78	1-1102336-1	141	1-1102499-6	87	1-1102622-5	150
0-1108780-1	171	0-1747366-1	197	1-1102251-2	74	1-1102336-2	147	1-1102502-6	87	1-1102623-5	150
0-1108780-1	202	1-1102002-7	167	1-1102251-8	78	1-1102339-1	141	1-1102502-7	92	1-1102624-5	151
0-1108780-1	203	1-1102005-7	167	1-1102253-2	75	1-1102339-2	147	1-1102505-1	90	1-1102625-5	151
0-1108780-2	138	1-1102008-7	167	1-1102255-2	75	1-1102340-2	145	1-1102505-6	87	1-1102626-5	151
0-1108780-2	171	1-1102009-2	167	1-1102258-2	76	1-1102340-6	143	1-1102505-7	92	1-1102631-5	79
0-1108780-2	202	1-1102011-2	167	1-1102261-1	90	1-1102343-2	146	1-1102507-1	88	1-1102635-5	79
0-1108780-2	203	1-1102013-2	167	1-1102261-3	96	1-1102343-6	143	1-1102507-2	93	1-1102638-5	79
0-1108780-6	171	1-1102015-2	167	1-1102261-6	87	1-1102345-2	146	1-1102509-1	88	1-1102640-5	98
0-1108780-6	203	1-1102017-2	167	1-1102261-7	92	1-1102345-6	143	1-1102509-2	93	1-1102642-5	98
0-1108780-7	171	1-1102027-7	167	1-1102264-6	87	1-1102348-1	162	1-1102511-1	88	1-1102644-5	98
0-1108780-7	203	1-1102030-7	167	1-1102267-1	90	1-1102348-3	165	1-1102511-2	93	1-1102646-5	98
0-1108782-1	114	1-1102033-7	167	1-1102267-6	87	1-1102348-6	160	1-1102511-8	97	1-1102647-5	98
0-1108782-1	159	1-1102101-7	49	1-1102267-7	92	1-1102348-7	163	1-1102513-1	88	1-1102649-5	125
0-1108782-1	202	1-1102103-7	49	1-1102270-6	87	1-1102351-6	160	1-1102513-2	93	1-1102651-5	125
0-1108782-1	203	1-1102105-2	49	1-1102271-1	88	1-1102351-7	163	1-1102513-8	97	1-1102653-5	125

Sortiert nach Tyco-PN/Sorted by Tyco PN

Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite
1-1102655-5	125	1-1103417-8	166	1-1106301-9	182	175194-2	33	2-1102301-8	124	2-1102564-6	115
1-1102656-5	125	1-1103417-9	166	1-1106302-9	183	175195-2	33	2-1102304-1	117	2-1102564-7	120
1-1102658-5	150	1-1103634-1	66	1-1106302-9	213	175196-2	33	2-1102305-2	121	2-1102567-1	118
1-1102660-5	150	1-1103635-1	66	1-1106303-9	183	175216-2	33	2-1102305-6	119	2-1102567-3	123
1-1102662-5	150	1-1103636-1	81	1-1106303-9	213	175217-2	33	2-1102308-2	122	2-1102567-6	115
1-1102664-5	150	1-1103637-1	81	1-1106304-9	183	175218-2	33	2-1102308-6	119	2-1102567-7	120
1-1102665-5	151	1-1103638-1	106	1-1106304-9	213	175284-2	33	2-1102310-2	122	2-1102570-1	118
1-1102765-0	115	1-1103638-1	155	1-1106305-9	181	175285-2	33	2-1102310-6	119	2-1102570-6	116
1-1102766-0	115	1-1103638-9	155	1-1106306-9	181	175286-2	33	2-1102316-3	148	2-1102570-7	120
1-1102770-6	190	1-1103639-1	106	1-1106307-9	181	175287-2	33	2-1102316-6	139	2-1102573-6	116
1-1102771-6	190	1-1103639-1	155	1-1106308-9	181	175288-2	33	2-1102316-7	144	2-1102575-1	116
1-1102772-6	188	1-1103639-9	155	1-1106309-9	181	175289-2	33	2-1102319-1	142	2-1102575-2	121
1-1102773-6	191	1-1103640-1	132	1-1106427-0	98	2-1102101-7	49	2-1102319-6	139	2-1102577-1	116
1-1102975-9	177	1-1103640-1	168	1-1106430-0	87	2-1102105-2	49	2-1102319-7	144	2-1102579-1	116
1-1102978-9	177	1-1103640-9	168	1-1106430-2	90	2-1102107-2	49	2-1102325-6	140	2-1102587-1	117
1-1103092-0	58	1-1103641-1	132	1-1106430-4	96	2-1102121-2	64	2-1102328-6	140	2-1102589-2	122
1-1103092-1	58	1-1103641-1	168	1-1106430-6	96	2-1102205-3	77	2-1102328-7	145	2-1102589-6	119
1-1103092-2	58	1-1103641-9	168	1-1106431-1	92	2-1102205-7	73	2-1102331-1	141	2-1102591-2	122
1-1103092-3	58	1-1104204-1	113	1-1106434-3	96	2-1102211-1	90	2-1102331-2	146	2-1102591-6	119
1-1103092-4	58	1-1104204-1	156	1-1106434-4	97	2-1102211-3	96	2-1102331-8	149	2-1102593-2	122
1-1103336-1	142	1-1104205-1	113	1-1106434-5	90	2-1102211-6	87	2-1102333-1	141	2-1102595-2	122
1-1103336-3	148	1-1104205-1	156	1-1106448-0	124	2-1102211-7	92	2-1102336-1	141	2-1102600-5	53
1-1103336-6	139	1-1104206-1	156	1-1106448-1	124	2-1102214-6	87	2-1102340-2	145	2-1102601-5	54
1-1103336-7	144	1-1104207-1	156	1-1106449-0	115	2-1102220-3	123	2-1102340-6	143	2-1102602-5	53
1-1103338-1	142	1-1105000-2	35	1-1106449-1	120	2-1102232-3	148	2-1102343-2	146	2-1102603-5	53
1-1103338-3	148	1-1105000-3	35	1-1106449-2	118	2-1102233-3	174	2-1102343-6	143	2-1102604-5	80
1-1103338-6	139	1-1105001-3	35	1-1106449-4	123	2-1102234-3	174	2-1102348-3	165	2-1102605-5	80
1-1103338-7	144	1-1105050-1	34	1-1106449-8	115	2-1102235-3	174	2-1102348-6	160	2-1102606-5	79
1-1103341-1	142	1-1105051-1	34	1-1106451-0	124	2-1102236-3	174	2-1102348-7	163	2-1102611-5	99
1-1103341-6	140	1-1105051-2	34	1-1106452-0	115	2-1102237-8	174	2-1102351-6	160	2-1102612-5	99
1-1103341-7	145	1-1105100-1	37	1-1106452-1	120	2-1102240-3	77	2-1102351-7	163	2-1102617-5	126
1-1103344-1	142	1-1105100-2	37	1-1106452-2	118	2-1102240-7	73	2-1102352-1	160	2-1102618-5	125
1-1103344-6	140	1-1105101-1	37	1-1106452-4	123	2-1102243-7	73	2-1102352-2	164	2-1102622-5	150
1-1103344-7	145	1-1105101-2	37	1-1106452-6	123	2-1102244-2	74	2-1102352-8	165	2-1102623-5	150
1-1103346-1	141	1-1105250-1	40	1-1106452-7	115	2-1102244-8	77	2-1102354-1	161	2-1102625-5	151
1-1103346-2	146	1-1105251-1	40	1-1106464-0	149	2-1102246-2	74	2-1102356-1	161	2-1102626-5	151
1-1103346-8	149	1-1105300-1	38	1-1106465-0	142	2-1102249-2	74	2-1102360-2	164	2-1102628-5	151
1-1103348-1	141	1-1105300-2	38	1-1106465-1	139	2-1102249-8	78	2-1102360-6	162	2-1102631-5	79
1-1103348-2	146	1-1105301-1	38	1-1106465-2	144	2-1102251-2	74	2-1102376-7	172	2-1102633-5	79
1-1103350-1	141	1-1105301-2	38	1-1106465-3	142	2-1102251-8	78	2-1102385-7	172	2-1102635-5	79
1-1103350-2	146	1-1105350-1	43	1-1106465-5	148	2-1102253-2	75	2-1102389-2	173	2-1102637-5	79
1-1103350-8	149	1-1105351-1	43	1-1106465-9	148	2-1102255-2	75	2-1102395-2	173	2-1102638-5	79
1-1103352-1	141	1-1105652-8	41	1-1106467-0	139	2-1102258-2	76	2-1102397-2	173	2-1102642-5	98
1-1103352-2	146	1-1105653-8	41	1-1106467-1	144	2-1102259-7	92	2-1102408-3	148	2-1102644-5	98
1-1103352-8	149	1-1105653-8	42	1-1106469-0	149	2-1102261-1	90	2-1102411-6	139	2-1102647-5	98
1-1103355-1	141	1-1105752-8	43	1-1106469-1	78	2-1102261-3	96	2-1102411-7	144	2-1102651-5	125
1-1103355-2	147	1-1105850-8	34	1-1106469-2	149	2-1102261-6	87	2-1102414-6	140	2-1102655-5	125
1-1103358-1	141	1-1105850-8	35	1-1106470-0	139	2-1102261-7	92	2-1102461-3	77	2-1102656-5	125
1-1103358-2	147	1-1105850-8	37	1-1106470-1	144	2-1102264-6	87	2-1102461-7	73	2-1102660-5	150
1-1103360-2	146	1-1105850-8	38	1-1106470-2	142	2-1102267-1	90	2-1102467-7	74	2-1102664-5	150
1-1103360-6	143	1-1105850-8	39	1-1106470-6	148	2-1102267-6	87	2-1102472-2	75	2-1102665-5	151
1-1103362-2	146	1-1105850-8	40	1-1106470-8	148	2-1102267-7	92	2-1102472-8	78	2-1102765-0	115
1-1103362-6	143	1-1105850-8	41	1-1106470-9	139	2-1102270-6	87	2-1102474-2	75	2-1102766-0	115
1-1103364-2	146	1-1105851-8	34	1-1106477-0	160	2-1102271-1	88	2-1102474-8	78	2-1102770-0	190
1-1103364-6	143	1-1105851-8	37	1-1106477-1	163	2-1102271-2	93	2-1102480-2	75	2-1102770-5	190
1-1103366-2	146	1-1105851-8	38	1-1106477-2	162	2-1102271-8	96	2-1102482-2	75	2-1102771-0	190
1-1103366-6	143	1-1105852-8	34	1-1106477-4	165	2-1102274-1	88	2-1102489-2	76	2-1102771-5	190
1-1103400-1	45	1-1105852-8	37	1-1106477-6	165	2-1102274-2	93	2-1102496-1	90	2-1102772-0	188
1-1103401-1	45	1-1105852-8	38	1-1107001-2	173	2-1102274-8	97	2-1102496-3	96	2-1102772-5	188
1-1103402-1	45	1-1105870-8	40	1-1107003-2	173	2-1102276-1	88	2-1102496-6	87	2-1102773-0	191
1-1103403-1	45	1-1106001-9	189	1-1107005-2	173	2-1102276-8	97	2-1102496-7	92	2-1102773-5	191
1-1103414-1	60	1-1106004-9	189	1-1107007-2	173	2-1102279-1	89	2-1102499-1	90	2-1103000-3	48
1-1103415-1	60	1-1106005-7	190	1-1108756-1	39	2-1102283-2	93	2-1102499-3	96	2-1103001-3	48
1-1103416-1	100	1-1106006-9	190	1-1108757-1	39	2-1102283-6	91	2-1102499-6	87	2-1103002-3	48
1-1103416-1	127	1-1106007-4	188	1-1108759-2	50	2-1102286-2	94	2-1102502-1	90	2-1103003-3	48
1-1103416-1	152	1-1106007-9	188	1-1110952-0	42	2-1102286-6	91	2-1102502-6	87	2-1103004-3	62
1-1103416-1	166	1-1106050-1	193	1-1110953-1	42	2-1102288-2	94	2-1102505-1	90	2-1103005-3	62
1-1103416-7	127	1-1106052-1	193	1-163087-1	35	2-1102291-1	140	2-1102505-6	87	2-1103006-3	69
1-1103416-7	152	1-1106053-1	193	1318105-1	33	2-1102291-2	145	2-1102505-7	92	2-1103007-3	69
1-1103416-7	166	1-1106053-2	193	1318106-1	33	2-1102291-8	149	2-1102507-1	88	2-1103008-3	84
1-1103416-8	152	1-1106055-2	191	1318107-1	33	2-1102292-3	123	2-1102509-1	88	2-1103009-3	84
1-1103416-8	166	1-1106056-3	191	1318108-1	33	2-1102292-6	115	2-1102511-1	88	2-1103010-3	102
1-1103416-9	166	1-1106057-4	191	1318109-1	33	2-1102292-7	120	2-1102511-8	97	2-1103010-3	129
1-1103417-1	100	1-1106058-5	192	1318110-1	33	2-1102295-6	115	2-1102513-8	97	2-1103011-3	102
1-1103417-1	127	1-1106062-7	192	1318111-1	33	2-1102295-7	120	2-1102519-2	94	2-1103011-3	129
1-1103417-1	152	1-1106066-8	192	1318112-1	33	2-1102296-1	116	2-1102521-2	94	2-1103012-3	110
1-1103417-1	166	1-1106100-1	180	1-66504-0	32	2-1102296-2	121	2-1102525-2	94	2-1103012-3	158
1-1103417-7	127	1-1106101-1	180	1-66505-0	32	2-1102296-8	123	2-1102527-2	94	2-1103013-3	110
1-1103417-7	152	1-1106102-1	180	1-66506-0	32	2-1102299-1	116	2-1102527-6	91	2-1103013-3	158
1-1103417-7	166	1-1106107-1	179	1-66507-0	32	2-1102299-8	124	2-1102564-1	118	2-1103032-3	136
1-1103417-8	152	1-1106109-1	179	169424-1	32	2-1102301-1	116	2-1102564-3	123	2-1103032-3	170

Sortiert nach Tyco-PN/Sorted by Tyco PN

Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite	Best-Nr.	Seite
2-1103033-3	136	2-1103637-3	81	3-1102770-2	190	4-1102759-5	150	5-1105653-8	42	7-1103417-1	152
2-1103033-3	170	2-1103638-3	106	3-1102771-2	190	4-1102760-5	151	5-1106001-9	189	7-1103417-1	166
2-1103100-3	47	2-1103638-3	155	3-1102772-2	188	4-1102770-0	190	5-1106004-9	189	7-1103417-7	127
2-1103101-3	47	2-1103638-9	155	3-1102773-2	191	4-1102771-0	190	5-1106005-7	190	7-1103417-7	152
2-1103102-3	47	2-1103639-3	106	3-1105000-2	35	4-1102772-0	188	5-1106006-9	190	7-1103417-7	166
2-1103103-3	47	2-1103639-3	155	3-1105050-2	34	4-1102773-0	191	5-1106050-1	193	7-1103417-8	152
2-1103104-3	47	2-1103639-9	155	3-1105051-1	34	4-1105000-3	35	5-1106051-1	193	7-1103417-8	166
2-1103105-3	47	2-1103640-3	132	3-1105051-2	34	4-1105001-3	35	5-1106053-1	193	7-1103634-1	66
2-1103106-3	61	2-1103640-3	168	3-1105100-1	37	4-1105050-2	34	5-1106053-2	193	7-1103635-1	66
2-1103107-3	61	2-1103640-9	168	3-1105100-2	37	4-1105051-1	34	5-1106055-2	191	7-1103636-1	81
2-1103108-3	101	2-1103641-3	132	3-1105101-1	37	4-1105051-2	34	5-1106056-3	191	7-1103637-1	81
2-1103108-3	128	2-1103641-3	168	3-1105101-2	37	4-1105100-1	37	5-1106057-4	191	7-1103638-1	106
2-1103109-3	101	2-1103641-9	168	3-1105150-1	41	4-1105100-2	37	5-1106058-5	192	7-1103638-1	155
2-1103109-3	128	2-1104000-3	68	3-1105150-2	41	4-1105101-1	37	5-1106062-6	192	7-1103638-9	155
2-1103110-3	109	2-1104002-3	68	3-1105151-1	41	4-1105101-2	37	5-1106207-7	184	7-1103639-1	106
2-1103110-3	157	2-1104004-3	83	3-1105151-2	41	4-1105150-1	41	5-1106213-6	184	7-1103639-1	155
2-1103111-3	109	2-1104006-3	83	3-1105250-1	40	4-1105150-2	41	5-1106302-9	183	7-1103639-9	155
2-1103111-3	157	2-1104008-3	108	3-1105251-1	40	4-1105151-1	41	5-1106302-9	213	7-1103640-1	132
2-1103112-3	135	2-1104010-3	108	3-1105300-1	38	4-1105151-2	41	5-1108756-1	39	7-1103640-1	168
2-1103112-3	169	2-1104012-3	134	3-1105300-2	38	4-1105250-1	40	5-1108757-1	39	7-1103640-9	168
2-1103113-3	135	2-1104014-3	134	3-1105301-1	38	4-1105251-1	40	523168-5	34	7-1103641-1	132
2-1103113-3	169	2-1104016-3	134	3-1105301-2	38	4-1105300-1	38	523168-5	38	7-1103641-1	168
2-1103200-3	70	2-1104018-3	134	3-1105653-8	41	4-1105300-2	38	523168-6	37	7-1103641-9	168
2-1103202-3	70	2-1104200-3	137	3-1105653-8	42	4-1105301-1	38	523168-7	39	7-1105653-8	42
2-1103204-3	85	2-1104202-3	137	3-1106001-9	189	4-1105301-2	38	530341-1	212	7-1106001-9	189
2-1103206-3	85	2-1105000-3	35	3-1106004-9	189	4-1105653-8	41	5-569550-4	199	7-1106004-9	189
2-1103208-3	109	2-1105001-3	35	3-1106005-7	190	4-1105653-8	42	601967-1	34	7-1106005-7	190
2-1103208-3	157	2-1105050-2	34	3-1106006-9	190	4-1106001-9	189	601967-1	37	7-1106006-9	190
2-1103209-3	157	2-1105051-1	34	3-1106050-1	193	4-1106004-9	189	601967-1	38	7-1106050-1	193
2-1103212-3	109	2-1105051-2	34	3-1106051-1	193	4-1106005-7	190	601967-1	39	7-1106052-1	193
2-1103212-3	157	2-1105100-1	37	3-1106053-1	193	4-1106006-9	190	6-1105100-1	37	7-1106053-1	193
2-1103213-3	157	2-1105100-2	37	3-1106055-2	191	4-1106050-1	193	6-1105101-1	37	7-1106053-2	193
2-1103216-3	135	2-1105101-1	37	3-1106056-3	191	4-1106051-1	193	6-1105250-1	40	7-1106055-2	191
2-1103216-3	169	2-1105101-2	37	3-1106057-4	191	4-1106052-1	193	6-1105251-1	40	7-1106056-3	191
2-1103217-3	169	2-1105250-1	40	3-1106058-5	192	4-1106053-1	193	6-1105300-1	38	7-1106057-4	191
2-1103220-3	135	2-1105251-1	40	3-1106062-6	192	4-1106055-2	191	6-1105300-2	38	7-1106058-5	192
2-1103220-3	169	2-1105300-1	38	3-1106066-8	192	4-1106056-3	191	6-1105301-1	38	7-1106302-9	183
2-1103221-3	169	2-1105300-2	38	3-1106200-5	54	4-1106057-4	191	6-1105301-2	38	7-1106302-9	213
2-1103336-6	139	2-1105301-1	38	3-1106201-5	80	4-1106058-5	192	6-1105653-8	42	726363-1	32
2-1103338-1	142	2-1105301-2	38	3-1106201-5	185	4-1106062-6	192	6-1106001-9	189	734285-1	36
2-1103338-3	148	2-1105350-1	43	3-1106202-5	99	4-1106066-8	192	6-1106004-9	189	734285-2	36
2-1103338-6	139	2-1105351-1	43	3-1106202-5	185	4-1106200-5	54	6-1106005-7	190	734285-3	36
2-1103338-7	144	2-1105652-8	41	3-1106203-5	126	4-1106201-5	80	6-1106006-9	190	8-1105653-8	42
2-1103341-6	140	2-1105653-8	41	3-1106203-5	185	4-1106201-5	185	6-1106050-1	193	8-1106058-5	192
2-1103344-1	142	2-1105653-8	42	3-1106204-5	151	4-1106202-5	99	6-1106052-1	193	8-1106062-6	192
2-1103344-6	140	2-1105870-8	40	3-1106204-5	185	4-1106202-5	185	6-1106053-1	193	8-1108772-0	95
2-1103344-7	145	2-1106001-9	189	3-1106214-0	184	4-1106203-5	126	6-1106055-2	191	8-1108772-2	95
2-1103346-1	141	2-1106004-9	189	3-1106216-0	184	4-1106203-5	185	6-1106056-3	191	8-1108772-4	95
2-1103348-1	141	2-1106005-7	190	3-1106302-9	183	4-1106204-5	151	6-1106057-4	191	8-1108772-5	95
2-1103350-1	141	2-1106006-9	190	3-1106302-9	213	4-1106204-5	185	6-1106062-6	192	8-1108772-8	95
2-1103350-2	146	2-1106007-3	188	3-1106303-9	183	4-1106302-9	183	6-1106066-8	192	872070-1	36
2-1103350-8	149	2-1106050-1	193	3-1106303-9	213	4-1106302-9	213	6-1106302-9	183	9-1106062-6	192
2-1103352-1	141	2-1106053-1	193	3-1106470-0	140	4-1108756-1	39	6-1106302-9	213	91285-1	32
2-1103352-8	149	2-1106053-2	193	3-1106470-5	144	4-1108757-1	39	66504-3	32	91558-1	33
2-1103364-2	146	2-1106055-2	191	3-1108756-1	39	5-1102610-5	99	66504-4	32	91559-1	33
2-1103364-6	143	2-1106056-3	191	3-1108757-1	39	5-1102616-5	126	66504-9	32	91560-1	33
2-1103414-3	60	2-1106057-4	191	4-1102700-5	53	5-1102624-5	151	66505-3	32	91565-1	33
2-1103415-3	60	2-1106058-5	192	4-1102701-5	54	5-1102708-5	80	66505-4	32	91576-1	33
2-1103416-3	100	2-1106062-6	192	4-1102702-5	53	5-1102709-5	80	66505-9	32	91595-1	33
2-1103416-3	127	2-1106066-8	192	4-1102703-5	53	5-1102716-5	99	66506-3	32	91596-1	33
2-1103416-3	152	2-1106206-7	184	4-1102704-5	79	5-1102770-0	190	66506-4	32	917484-2	33
2-1103416-3	166	2-1106208-7	184	4-1102706-5	79	5-1102771-0	190	66506-9	32	917485-2	33
2-1103416-7	127	2-1106214-0	184	4-1102710-5	79	5-1102772-0	188	66507-3	32	917511-2	33
2-1103416-7	152	2-1106214-1	184	4-1102712-5	79	5-1102773-0	191	66507-4	32	929962-1	36
2-1103416-7	166	2-1106216-0	184	4-1102714-5	98	5-1105050-2	34	66507-9	32	929963-1	36
2-1103416-8	152	2-1106216-1	184	4-1102715-5	98	5-1105051-1	34	69675-1	43	929964-1	36
2-1103416-8	166	2-1106302-9	183	4-1102717-5	99	5-1105051-2	34	69710-1	43	929965-1	36
2-1103416-9	166	2-1106302-9	213	4-1102718-5	98	5-1105100-1	37	7-1103414-1	60	929969-1	36
2-1103417-3	100	2-1106303-9	183	4-1102720-5	99	5-1105100-2	37	7-1103415-1	60	929970-1	36
2-1103417-3	127	2-1106303-9	213	4-1102723-5	125	5-1105101-1	37	7-1103416-1	100	929971-1	36
2-1103417-3	152	2-1106310-9	213	4-1102725-5	125	5-1105101-2	37	7-1103416-1	127	929972-1	36
2-1103417-3	166	2-1106311-9	213	4-1102726-5	126	5-1105150-1	41	7-1103416-1	152	962966-1	36
2-1103417-7	127	2-1106312-9	213	4-1102727-5	126	5-1105150-2	41	7-1103416-1	166	962967-1	36
2-1103417-7	152	2-1106313-9	213	4-1102728-5	125	5-1105151-1	41	7-1103416-7	127	962968-1	36
2-1103417-7	166	2-1106449-1	123	4-1102730-5	125	5-1105151-2	41	7-1103416-7	152	962969-1	36
2-1103417-8	152	2-1106449-2	123	4-1102732-5	150	5-1105250-1	40	7-1103416-7	166	962976-1	36
2-1103417-8	166	2-1106449-4	123	4-1102733-5	150	5-1105251-1	40	7-1103416-8	152	962977-1	36
2-1103417-9	166	2-1107005-2	173	4-1102734-5	151	5-1105300-1	38	7-1103416-8	166	962978-1	36
2-1103634-3	66	2-1107007-2	173	4-1102735-5	151	5-1105300-2	38	7-1103416-9	166	962979-1	36
2-1103635-3	66	2-1108756-1	39	4-1102736-5	151	5-1105301-1	38	7-1103417-1	100		
2-1103636-3	81	2-1108757-1	39	4-1102755-5	150	5-1105301-2	38	7-1103417-1	127		

Sortiert nach Bezeichnung/Sorted by description

Bestelltext	Best-Nr.	Seite	Bestelltext	Best-Nr.	Seite	Bestelltext	Best-Nr.	Seite
120 mm², Kz 200-1110956-5	42		Die 25 mm², Kz 10	5-1105653-8	42	EMV-K.3/4.SG.1.M16.G	0-1106401-2	54
150 mm², Kz 220-1110956-6	42		Die 35 mm², Kz 12	6-1105653-8	42	EMV-K.3/4.SG.1.M20.G	0-1106401-3	54
50 mm², Kz 140-1110956-2	42		Die 50 mm², Kz 14	7-1105653-8	42	EMV-K.3/4.SGF	4-1102702-5	53
70 mm², Kz 160-1110956-3	42		Die 6 mm², Kz 5	2-1105653-8	41	EMV-K.3/4.STO.1.11.G	4-1102700-5	53
95 mm², Kz 180-1110956-4	42		Die 6 mm², Kz 5	2-1105653-8	42	EMV-K.3/4.STO.1.M16.G	0-1106402-2	53
AIR.Bu.4.VA0-1105355-2 200			Die 70 mm², Kz 16	8-1105653-8	42	EMV-K.3/4.STO.1.M20.G	0-1106402-3	53
AIR.Bu.V.4.VA0-1105355-1 200			DIE COAXICON	69675-1	43	EMV-K.6/16.AG	4-1102710-5	79
AIR.Sti.4.VA0-1105354-1 200			DIE F2,8FF TAB	0-0539744-2	35	EMV-K.6/16.AG.M6	4-1102712-5	79
AM.1x15.BG.2-00-1107197-2	186		DS.11.DI	1-1106004-9	189	EMV-K.6/16.SG.1.16.G	5-1102708-5	80
AM.1x15.BG.2-U	0-1107196-2	186	DS.13.DI	2-1106004-9	189	EMV-K.6/16.SG.1.M25.G	0-1106415-3	80
AM.1x15+25.BG.4-0	0-1107201-2	187	DS.16.DI	3-1106004-9	189	EMV-K.6/16.SG.2.16.G	5-1102709-5	80
AM.1x15+25.BG.4-U	0-1107200-2	187	DS.21.DI	4-1106004-9	189	EMV-K.6/16.SG.2.M32.G	0-1106415-2	80
AM.1x25.BG.2-0	0-1107197-3	186	DS.29.DI	5-1106004-9	189	EMV-K.6/16.STO.1.16.G	4-1102706-5	79
AM.1x25.BG.2-U	0-1107196-3	186	DS.36.DI	6-1106004-9	189	EMV-K.6/16.STO.1.M32.G	0-1106416-3	79
AM.1x25+37.BG.6-0	0-1107205-2	187	DS.42.DI	7-1106004-9	189	EMV-K.6/16.STS.1.16.G	4-1102704-5	79
AM.1x25+37.BG.6-U	0-1107204-2	187	Dynamic 0,06-0,2 mm² Loose Piece	175216-2	33	EMV-K.6/16.STS.1.M25.G	0-1106416-4	79
AM.1x37.BG.5-0	0-1107203-1	186	Dynamic 0,06-0,2 mm² Loose Piece	175287-2	33	EMV-KF/K.24/64.STS.1.29.G	4-1102732-5	150
AM.1x37.BG.5-U	0-1107202-1	186	Dynamic 0,06-0,2 mm² Strip Form	175194-2	33	EMV-KF/K.24/64.STS.1.36.G	4-1102733-5	150
AM.1x50.BG.5-0	0-1107203-2	186	Dynamic 0,06-0,2 mm² Strip Form	175284-2	33	EMV-KF/K.24/64.STS.1.M40.G	0-1106462-2	150
AM.1x50.BG.5-U	0-1107202-2	186	Dynamic 0,08-0,2 mm² Loose Piece	1318108-1	33	EMV-Konenpaar PG16/M28	1-1106007-4	188
AM.1x9.BG.2-0	0-1107197-1	186	Dynamic 0,08-0,2 mm² Loose Piece	1318112-1	33	EMV-Konenpaar PG21/P21	1-1106007-9	188
AM.1x9.BG.2-U	0-1107196-1	186	Dynamic 0,08-0,2 mm² Strip Form	1318106-1	33	EMV-Konenpaar PG29	2-1106007-3	188
AM.1x9+1x15+1x25.BG.6-0	0-1107205-1	187	Dynamic 0,08-0,2 mm² Strip Form	1318110-1	33	ERW.11/13.MS	1-1106058-5	192
AM.1x9+1x15+1x25.BG.6-U	0-1107204-1	187	Dynamic 0,2-0,5 mm² Loose Piece	175217-2	33	ERW.11/16.MS	7-1106058-5	192
AM.2x15.BG.3-0	0-1107199-2	187	Dynamic 0,2-0,5 mm² Loose Piece	175288-2	33	ERW.13/16.MS	2-1106058-5	192
AM.2x15.BG.3-U	0-1107198-2	187	Dynamic 0,2-0,5 mm² Strip Form	175195-2	33	ERW.13/21.MS	8-1106058-5	192
AM.2x25.BG.4-0	0-1107201-1	187	Dynamic 0,2-0,5 mm² Strip Form	175285-2	33	ERW.16/21.MS	3-1106058-5	192
AM.2x25.BG.4-U	0-1107200-1	187	Dynamic 0,3-0,85 mm² Loose Piece	1318107-1	33	ERW.21/29.MS	4-1106058-5	192
AM.2x37.BG.6-0	0-1107205-3	187	Dynamic 0,3-0,85 mm² Loose Piece	1318111-1	33	ERW.29/36.MS	5-1106058-5	192
AM.2x37.BG.6-U	0-1107204-3	187	Dynamic 0,3-0,85 mm² Strip Form	1318105-1	33	EWZG-RSZ	0-1102855-6	34
AM.2x50.BG.6-U	0-1107204-4	187	Dynamic 0,3-0,85 mm² Strip Form	1318109-1	33	EWZG-RSZ	0-1102855-6	35
AM.2x9.BG.3-0	0-1107199-1	187	Dynamic 0,5-1,25 mm² Loose Piece	175218-2	33	EWZG-RSZ	0-1102855-6	37
AM.2x9.BG.3-U	0-1107198-1	187	Dynamic 0,5-1,25 mm² Loose Piece	175289-2	33	EWZG-RSZ	0-1102855-6	38
AP.M.1.11	1-1102978-9	177	Dynamic 0,5-1,25 mm² Strip Form	175196-2	33	EWZG-RSZ	0-1102855-6	39
AP.M.1.M20	0-1102978-2	177	Dynamic 0,5-1,25 mm² Strip Form	175286-2	33	EWZG-RSZ	0-1102855-6	40
ASD.11.N	1-1106050-1	193	Dynamic 1,25-2,2 mm² Loose Piece	917511-2	33	EWZG-RSZ	0-1102855-6	44
ASD.13.N	2-1106050-1	193	Dynamic 1,25-2,2 mm² Strip Form	917484-2	33	Extraction Tool 2,5 mm Contact	872070-1	36
ASD.16.N	3-1106050-1	193	Dynamic 1,25-2,2 mm² Strip Form	917485-2	33	F-Bu.M3	1-1106101-1	180
ASD.21.N	4-1106050-1	193	DYNAMIC D-2800 REC HSG 30P	0-1747365-1	197	FOAC MELTING GAGE OPTIMATE	0-0100606-2	44
ASD.29.N	5-1106050-1	193	DYNAMIC D-2800 TAB HSG 30P	0-1747366-1	197	FOPOF CUTTING GAGE, MULTIMATE	0-0100281-1	44
ASD.36.N	6-1106050-1	193	DYNAMIC D-3800 REC HSG 12P	0-1747363-1	197	FOPOF LONG CONTACT ASSY	0-0216341-1	44
ASD.42.N	7-1106050-1	193	DYNAMIC D-3800 TAB HSG 12P	0-1747364-1	197	FOPOF MELTING ADAPTOR, MULTIMATE	0-0100281-2	44
ASD-K.11.V	1-1106052-1	193	EMV.3/4.SG.1.M20.G	0-1106401-4	54	FOPOF SHORT CONTACT ASSY	0-0216342-1	44
ASD-K.16.N	3-1106051-1	193	EMV.M16.MS	1-1102772-6	188	FOTOOL HOTMELT UNIT	0-0734423-1	44
ASD-K.21.N	4-1106051-1	193	EMV.M20.MS	2-1102772-0	188	Frame AF8	601967-1	37
ASD-K.21.V	4-1106052-1	193	EMV.M25.MS	2-1102772-5	188	Frame AF8	601967-1	38
ASD-K.29.N	5-1106051-1	193	EMV.M32.MS	3-1102772-2	188	Frame AF8	601967-1	39
ASD-K.36.V	6-1106052-1	193	EMV.M40.MS	4-1102772-0	188	F-Sti-M3	1-1106102-1	180
ASD-K.42.V	7-1106052-1	193	EMV.M50.MS	5-1102772-0	188	GB.1-BG8	1-1106301-9	182
AWZG-HD.M-RSZ	0-1102855-1	35	EMV-K.10/24.AG	4-1102718-5	98	GM.11.SKT-MS	1-1106055-2	191
AWZG-HD.M-RSZ	0-1102855-1	44	EMV-K.10/24.AG.M6	4-1102720-5	99	GM.13.SKT-MS	2-1106055-2	191
AWZG-HE-Q5-RSZ	0-1102855-7	37	EMV-K.10/24.SG.1.21.G	5-1102716-5	99	GM.16.SKT-MS	3-1106055-2	191
AWZG-HN.D-RSZ	0-1102855-2	34	EMV-K.10/24.SG.2.21.G	4-1102717-5	99	GM.21.SKT-MS	4-1106055-2	191
AWZG-HSK-RSZ	0-1102855-8	39	EMV-K.10/24.SG.2.M32.G	0-1106426-2	99	GM.29.SKT-MS	5-1106055-2	191
AWZG-HSM-RSZ	0-1102855-4	40	EMV-K.10/24.STO.1.21.G	4-1102715-5	98	GM.36.SKT-MS	6-1106055-2	191
AWZG-HSS-RSZ	0-1102855-5	41	EMV-K.10/24.STO.1.M25.G	0-1106427-4	98	GM.42.SKT-MS	7-1106055-2	191
AWZG-HVT-RSZ	0-1102855-3	38	EMV-K.10/24.STS.1.21.G	4-1102714-5	98	HA.10.AGD-LB	1-1102122-2	64
AWZG-MDL-AIR	0-1102985-1	200	EMV-K.10/24.STS.1.M25.G	0-1106427-3	98	HA.10.AG-LB	1-1102121-2	64
BEO.3.KURZ	1-1106109-1	179	EMV-K.10/24.STS.1.M32.G	1-1106427-0	98	HA.10.Bu.C.B1-10	2-1103415-3	60
BS.11.MS	1-1106056-3	191	EMV-K.16/40.AG	4-1102728-5	125	HA.10.Bu.S.B1-10	1-1103415-1	60
BS.13.MS	2-1106056-3	191	EMV-K.16/40.AG.M6	4-1102730-5	125	HA.10.Bu.SC.B1-10	7-1103415-1	60
BS.16.MS	3-1106056-3	191	EMV-K.16/40.SG.1.21.G	4-1102726-5	126	HA.10.KD0-LB.1.16.G	1-1102133-2	65
BS.21.MS	4-1106056-3	191	EMV-K.16/40.SG.2.21.G	4-1102727-5	126	HA.10.KD0-LB.1.M20.G	0-1106409-1	65
BS.29.MS	5-1106056-3	191	EMV-K.16/40.SG.2.M32.G	0-1106445-2	126	HA.10.SGD-LB.1.16.Z	1-1102128-2	65
BS.36.MS	6-1106056-3	191	EMV-K.16/40.STO.1.29.G	4-1102725-5	125	HA.10.SGD-LB.2.16.Z	1-1102130-2	65
BS.42.MS	7-1106056-3	191	EMV-K.16/40.STO.1.M32.G	0-1106446-3	125	HA.10.SGD-LB.2.M20.Z	0-1106410-1	65
BS.M16.MS	1-1102773-6	191	EMV-K.16/40.STS.1.29.G	4-1102723-5	125	HA.10.SG-LB.1.16.Z	1-1102124-2	64
BS.M20.MS	2-1102773-0	191	EMV-K.16/40.STS.1.M32.G	0-1106446-4	125	HA.10.SG-LB.2.16.Z	1-1102126-2	64
BS.M25.MS	2-1102773-5	191	EMV-K.24/64.AG	4-1102760-5	151	HA.10.SG-LB.2.M20.Z	0-1106410-2	64
BS.M32.MS	3-1102773-2	191	EMV-K.24/64.AG.M6	4-1102736-5	151	HA.10.SKB	2-1106206-7	184
BS.M40.MS	4-1102773-0	191	EMV-K.24/64.SG.1.29.G	4-1102734-5	151	HA.10.Sti.C.B1-10	2-1103414-3	60
BS.M50.MS	5-1102773-0	191	EMV-K.24/64.SG.2.29.G	4-1102735-5	151	HA.10.Sti.S.B1-10	1-1103414-1	60
CABLE STRIPPER	0-0501198-1	44	EMV-K.24/64.SG.2.M40.G	0-1106460-2	151	HA.10.Sti.SC.B1-10	7-1103414-1	60
Codier set HVS	530341-1	212	EMV-K.24/64.STO.1.29.G	4-1102759-5	150	HA.10.STO.1.16.G	1-1102120-7	63
COS.QUICK-IN	0-1110939-3	178	EMV-K.24/64.STO.1.M40.G	0-1106461-4	150	HA.10.STO.1.M20.G	0-1106411-1	63
CRIMPING TOOL M22520/1-01	601967-1	34	EMV-K.24/64.STS.1.29.G	4-1102755-5	150	HA.10.STS.1.16.G	1-1102117-7	63
CZ-HF.60.M	0-110956-1	42	EMV-K.24/64.STS.1.M25.G	0-1102983-1	150	HA.10.STS.1.M20.G	0-1106411-2	63
DAHT-FIBER OPTIC	0-0090364-2	44	EMV-K.24/64.STS.1.M32.G	0-1106461-8	150	HA.10.STS.1.M25.G	0-1106411-6	63
Die 10 mm², Kz 5	3-1105653-8	41	EMV-K.24/64.STS.1.M40.G	0-1106461-3	150	HA.16.AGD-LB	1-1102141-2	104
Die 10 mm², Kz 5	3-1105653-8	42	EMV-K.3/4.AG	4-1102703-5	53	HA.16.AG-LB	1-1102140-2	104
Die 16 mm², Kz 8	4-1105653-8	41	EMV-K.3/4.SG.1.11.G	4-1102701-5	54	HA.16.Bu.C.B1-16	2-1103417-3	100
Die 16 mm², Kz 8	4-1105653-8	42						

Sortiert nach Bezeichnung/Sorted by description

Bestelltext	Best-Nr.	Seite	Bestelltext	Best-Nr.	Seite	Bestelltext	Best-Nr.	Seite
HA.16.Bu.C.B1-16	2-1103417-3	127	HA.3.SG-LB.1.11.Z	1-1102109-2	50	HB.10.SG-VS.2.16.Z	1-1102276-1	88
HA.16.Bu.C.B1-16	2-1103417-3	152	HA.3.SG-LB.1.M16.G	0-1106404-1	50	HB.10.SG-VS.2.M25.Z	0-1106429-4	88
HA.16.Bu.C.B1-16	2-1103417-3	166	HA.3.SG-LB.1.M20.G	0-1106404-3	50	HB.10.SKP	5-1106213-6	184
HA.16.Bu.C.B17-32	2-1103417-7	127	HA.3.Sti.S	1-1103400-1	45	HB.10.STO.1.16.G	1-1102267-6	87
HA.16.Bu.C.B17-32	2-1103417-7	152	HA.3.STO.1.11.Z	1-1102101-7	49	HB.10.STO.1.21.G	1-1102270-6	87
HA.16.Bu.C.B17-32	2-1103417-7	166	HA.3.STO.1.M16.Z	0-1106405-1	49	HB.10.STO.1.M25.G	0-1106430-1	87
HA.16.Bu.C.B33-48	2-1103417-8	152	HA.3.STO.1.M20.Z	0-1106405-3	49	HB.10.STO-GR.1.16.G	1-1102267-7	92
HA.16.Bu.C.B33-48	2-1103417-8	166	HA.3.STW.1.11.Z	1-1102103-7	49	HB.10.STO-GR.1.M25.G	0-1106430-2	92
HA.16.Bu.C.B49-64	2-1103417-9	166	HA.3.STW.1.M16.Z	0-1106406-1	49	HB.10.STO-VS.1.16.G	1-1102267-1	90
HA.16.Bu.S.B1-16	1-1103417-1	100	HA.3.STW.1.M20.Z	0-1106406-3	49	HB.10.STO-VS.1.M25.G	0-1106430-3	90
HA.16.Bu.S.B1-16	1-1103417-1	127	HA.32.AGD	1-1102165-1	131	HB.10.STS.1.16.G	1-1102261-6	87
HA.16.Bu.S.B1-16	1-1103417-1	152	HA.32.AG-VS	1-1102160-1	130	HB.10.STS.1.21.G	1-1102264-6	87
HA.16.Bu.S.B1-16	1-1103417-1	166	HA.32.SGD.1.21.Z	1-1102167-1	131	HB.10.STS.1.M25.G	0-1106430-4	87
HA.16.Bu.S.B17-32	1-1103417-7	127	HA.32.SGD.2.21.Z	1-1102169-1	131	HB.10.STS-GR.1.16.G	1-1102261-7	92
HA.16.Bu.S.B17-32	1-1103417-7	152	HA.32.SGD.2.M25.Z	0-1106455-1	131	HB.10.STS-GR.1.M25.G	0-1106430-5	92
HA.16.Bu.S.B17-32	1-1103417-7	166	HA.32.SG-VS.1.21.Z	1-1102162-1	130	HB.10.STS-VS.1.16.G	1-1102261-1	90
HA.16.Bu.S.B33-48	1-1103417-8	152	HA.32.SG-VS.2.21.Z	1-1102164-1	130	HB.10.STS-VS.1.M25.G	0-1106430-6	90
HA.16.Bu.S.B33-48	1-1103417-8	166	HA.32.SG-VS.2.M25.Z	0-1106455-2	130	HB.10.STW.1.16	0-1108713-1	79
HA.16.Bu.S.B49-64	1-1103417-9	166	HA.32.STO.1.21.G	1-1102158-6	130	HB.16.AGD	1-1102305-6	119
HA.16.Bu.SC.B1-16	7-1103417-1	100	HA.32.STO.1.M32.G	0-1106456-1	130	HB.16.AGD-LB	1-1102305-2	121
HA.16.Bu.SC.B1-16	7-1103417-1	127	HA.32.STO-VS.1.21.G	1-1102158-1	131	HB.16.AG-LB	1-1102296-2	121
HA.16.Bu.SC.B1-16	7-1103417-1	152	HA.32.STO-VS.1.M32.G	0-1106456-2	131	HB.16.AG-VS	1-1102296-1	116
HA.16.Bu.SC.B1-16	7-1103417-1	166	HA.32.STS.1.21.G	1-1102155-6	130	HB.16.KDO-LB.1.21.G	1-1102304-2	122
HA.16.Bu.SC.B17-32	7-1103417-7	127	HA.32.STS.1.M25.G	0-1106456-3	130	HB.16.KDO-LB.1.M32.G	0-1106447-1	122
HA.16.Bu.SC.B17-32	7-1103417-7	152	HA.32.STS-VS.1.21.G	1-1102155-1	131	HB.16.KDO-VS.1.21.G	1-1102304-1	117
HA.16.Bu.SC.B17-32	7-1103417-7	166	HA.32.STS-VS.1.M25.G	0-1106456-4	131	HB.16.KDO-VS.1.M32.G	0-1106447-2	117
HA.16.Bu.SC.B33-48	7-1103417-8	152	HA.4.Bu.S	1-1103403-1	45	HB.16.SGD.1.21.Z	1-1102308-6	119
HA.16.Bu.SC.B33-48	7-1103417-8	166	HA.4.Sti.S	1-1103402-1	45	HB.16.SGD.2.21.Z	1-1102310-6	119
HA.16.KDO-LB.1.16.G	1-1102152-2	105	HA.48.AGD-LB	1-1102177-2	153	HB.16.SGD.2.M25.Z	0-1106448-1	119
HA.16.KDO-LB.1.M20.G	0-1106437-1	105	HA.48.AG-LB	1-1102176-2	153	HB.16.SGD-LB.1.21.Z	1-1102308-2	122
HA.16.SGD-LB.1.16.Z	1-1102147-2	105	HA.48.SGD-LB.1.29.Z	1-1102183-2	154	HB.16.SGD-LB.2.21.Z	1-1102310-2	122
HA.16.SGD-LB.2.16.Z	1-1102149-2	105	HA.48.SGD-LB.1.M32.Z	0-1102879-1	154	HB.16.SGD-LB.2.M25.Z	0-1106448-2	122
HA.16.SGD-LB.2.M20.Z	0-1106438-1	105	HA.48.SGD-LB.2.29.Z	1-1102185-2	154	HB.16.SG-LB.1.21.Z	1-1102299-2	121
HA.16.SG-LB.1.16.Z	1-1102143-2	104	HA.48.SGD-LB.2.M32.Z	0-1102879-2	154	HB.16.SG-LB.2.21.Z	1-1102301-2	121
HA.16.SG-LB.2.16.Z	1-1102145-2	104	HA.48.SG-LB.1.29.Z	1-1102179-2	154	HB.16.SG-LB.2.M25.Z	0-1106448-3	121
HA.16.SG-LB.2.M20.Z	0-1106438-2	104	HA.48.SG-LB.2.29.Z	1-1102181-2	154	HB.16.SG-VS.1.21.Z	1-1102299-1	116
HA.16.SKB	2-1106208-7	184	HA.48.STO-GR.1.29.G	1-1102175-7	153	HB.16.SG-VS.2.21.Z	1-1102301-1	116
HA.16.Sti.C.B1-16	2-1103416-3	100	HA.48.STO-GR.1.M32.G	0-1102877-2	153	HB.16.SG-VS.2.M25.Z	0-1106448-4	116
HA.16.Sti.C.B1-16	2-1103416-3	127	HA.48.STS-GR.1.29.G	1-1102172-7	153	HB.16.SKP-LB	3-1106214-0	184
HA.16.Sti.C.B1-16	2-1103416-3	152	HA.48.STS-GR.1.M32.G	0-1102877-1	153	HB.16.SKP-VS	2-1106214-0	184
HA.16.Sti.C.B1-16	2-1103416-3	166	HA.64.AGD-LB	1-1102009-2	167	HB.16.SKP-VS+D	2-1106214-1	184
HA.16.Sti.C.B17-32	2-1103416-7	127	HA.64.SGD-LB.1.29.Z	1-1102011-2	167	HB.16.STO.1.21.G	1-1102295-6	115
HA.16.Sti.C.B17-32	2-1103416-7	152	HA.64.SGD-LB.1.36.Z	1-1102015-2	167	HB.16.STO.1.M32.G	0-1106449-1	115
HA.16.Sti.C.B17-32	2-1103416-7	166	HA.64.SGD-LB.2.29.Z	1-1102013-2	167	HB.16.STO-GR.1.21.G	1-1102295-7	120
HA.16.Sti.C.B33-48	2-1103416-8	152	HA.64.SGD-LB.2.36.Z	1-1102017-2	167	HB.16.STO-GR.1.M32.G	0-1106449-2	120
HA.16.Sti.C.B33-48	2-1103416-8	166	HA.64.STO-GR.1.29.G	1-1102027-7	167	HB.16.STO-VS.1.21.G	1-1102295-1	118
HA.16.Sti.C.B49-64	2-1103416-9	166	HA.64.STO-GR.1.36.G	1-1102030-7	167	HB.16.STO-VS.1.M32.G	0-1106449-3	118
HA.16.Sti.S.B1-16	1-1103416-1	100	HA.64.STO-GR.1.42.G	1-1102033-7	167	HB.16.STS.1.21.G	1-1102292-6	115
HA.16.Sti.S.B1-16	1-1103416-1	127	HA.64.STO-GR.1.M50.G	0-1106480-1	167	HB.16.STS.1.M32.G	0-1106449-4	115
HA.16.Sti.S.B1-16	1-1103416-1	152	HA.64.STS-GR.1.29.G	1-1102002-7	167	HB.16.STS-GR.1.21.G	1-1102292-7	120
HA.16.Sti.S.B1-16	1-1103416-1	166	HA.64.STS-GR.1.36.G	1-1102005-7	167	HB.16.STS-GR.1.M32.G	0-1106449-5	120
HA.16.Sti.S.B17-32	1-1103416-7	127	HA.64.STS-GR.1.42.G	1-1102008-7	167	HB.16.STS-VS.1.21.G	1-1102292-1	118
HA.16.Sti.S.B17-32	1-1103416-7	152	HA.64.STS-GR.1.M50.G	0-1106480-2	167	HB.16.STS-VS.1.M32.G	0-1106449-6	118
HA.16.Sti.S.B17-32	1-1103416-7	166	HA-K.10.AG-LB	2-1102121-2	64	HB.24.AGD	1-1102340-6	143
HA.16.Sti.S.B33-48	1-1103416-8	152	HA-K.3.AG-LB	2-1102105-2	49	HB.24.AGD-LB	1-1102340-2	145
HA.16.Sti.S.B33-48	1-1103416-8	166	HA-K.3.AGW-LB	2-1102107-2	49	HB.24.AG-LB	1-1102291-2	145
HA.16.Sti.S.B49-64	1-1103416-9	166	HA-K.3.STO.1.11.Z	2-1102101-7	49	HB.24.AG-VS	1-1102291-1	140
HA.16.Sti.SC.B1-16	7-1103416-1	100	HA-K.3.STO.1.M16.Z	0-1106405-2	46	HB.24.KDO-LB.1.21.G	1-1102336-2	147
HA.16.Sti.SC.B1-16	7-1103416-1	127	Handtool 2,5 mm Contact	734285-1	36	HB.24.KDO-LB.1.29.G	1-1102339-2	147
HA.16.Sti.SC.B1-16	7-1103416-1	152	Handtool 2,5 mm Contact	734285-2	36	HB.24.KDO-LB.1.M32.G	0-1106463-1	147
HA.16.Sti.SC.B1-16	7-1103416-1	166	Handtool 2,5 mm Contact	734285-3	36	HB.24.KDO-VS.1.21.G	1-1102336-1	141
HA.16.Sti.SC.B17-32	7-1103416-7	127	HB.10.AGD	1-1102283-6	91	HB.24.KDO-VS.1.29.G	1-1102339-1	141
HA.16.Sti.SC.B17-32	7-1103416-7	152	HB.10.AGD-LB	1-1102283-2	93	HB.24.KDO-VS.1.M32.G	0-1106463-2	141
HA.16.Sti.SC.B17-32	7-1103416-7	166	HB.10.AG-LB	1-1102271-2	93	HB.24.SGD.1.21.Z	1-1102343-6	143
HA.16.Sti.SC.B33-48	7-1103416-8	152	HB.10.AG-VS	1-1102271-1	88	HB.24.SGD.2.21.Z	1-1102345-6	143
HA.16.Sti.SC.B33-48	7-1103416-8	166	HB.10.KDO-LB.1.16.G	1-1102279-2	94	HB.24.SGD.2.M25.Z	0-1106464-1	143
HA.16.Sti.SC.B49-64	7-1103416-9	166	HB.10.KDO-LB.1.21.G	1-1102282-2	94	HB.24.SGD-LB.1.21.Z	1-1102343-2	146
HA.16.STO.1.16.G	1-1102139-7	103	HB.10.KDO-LB.1.M25.G	0-1106428-1	94	HB.24.SGD-LB.2.21.Z	1-1102345-2	146
HA.16.STO.1.M20.G	0-1106439-1	103	HB.10.KDO-VS.1.16.G	1-1102279-1	89	HB.24.SGD-LB.2.M25.Z	0-1106464-2	146
HA.16.STS.1.16.G	1-1102136-7	103	HB.10.KDO-VS.1.21.G	1-1102282-1	89	HB.24.SG-LB.1.21.Z	1-1102331-2	146
HA.16.STS.1.M20.G	0-1106439-2	103	HB.10.KDO-VS.1.M25.G	0-1106428-2	89	HB.24.SG-LB.2.21.Z	1-1102333-2	146
HA.3.AGD-LB	1-1102106-2	49	HB.10.SGD.1.16.Z	1-1102286-6	91	HB.24.SG-LB.2.M25.Z	0-1106464-3	146
HA.3.AG-LB	1-1102105-2	49	HB.10.SGD.2.16.Z	1-1102288-6	91	HB.24.SG-VS.1.21.Z	1-1102331-1	141
HA.3.AGW-LB	1-1102107-2	49	HB.10.SGD.2.M25.Z	0-1106429-1	91	HB.24.SG-VS.2.21.Z	1-1102333-1	141
HA.3.Bu.S	1-1103401-1	45	HB.10.SGD-LB.1.16.Z	1-1102286-2	94	HB.24.SG-VS.2.M25.Z	0-1106464-4	141
HA.3.EG-LB/A.1.16.Z	1-1102114-2	50	HB.10.SGD-LB.2.16.Z	1-1102288-2	94	HB.24.SKP-LB	3-1106216-0	184
HA.3.EG-LB/A.1.M20.Z	0-1102874-1	50	HB.10.SGD-LB.2.M25.Z	0-1106429-2	94	HB.24.SKP-VS	2-1106216-0	184
HA.3.KDOD-LB.1.11.Z	1-1108759-2	50	HB.10.SG-LB.1.16.Z	1-1102274-2	93	HB.24.SKP-VS+D	2-1106216-1	184
HA.3.KDO-LB.1.11.Z	1-1102112-2	50	HB.10.SG-LB.2.16.Z	1-1102276-2	93	HB.24.STO.1.21.G	1-1102325-6	140
HA.3.KDO-LB.1.M16.Z	0-1106403-1	50	HB.10.SG-LB.2.M25.Z	0-1106429-3	93	HB.24.STO.1.29.G	1-1102328-6	140
HA.3.SG-LB.1.11.G	1-1102110-2	50	HB.10.SG-VS.1.16.Z	1-1102274-1	88	HB.24.STO.1.M32.G	0-1106465-1	140

Sortiert nach Bezeichnung/Sorted by description

Bestelltext	Best-Nr.	Seite	Bestelltext	Best-Nr.	Seite	Bestelltext	Best-Nr.	Seite
HB.24.STO-GR.1.21.G	1-1102325-7	145	HB-K.10.SGD-LB.1.16.Z	2-1102286-2	94	HB-K.32.SGD.2.M32.Z	0-1106476-5	162
HB.24.STO-GR.1.29.G	1-1102328-7	145	HB-K.10.SGD-LB.2.16.Z	2-1102288-2	94	HB-K.32.SG-VS.1.29.Z	2-1102354-1	161
HB.24.STO-GR.1.M32.G	0-1106465-2	145	HB-K.10.SGD-LB.2.M25.Z	0-1106429-6	94	HB-K.32.SG-VS.2.29.Z	2-1102356-1	161
HB.24.STO-VS.1.21.G	1-1102325-1	142	HB-K.10.SG-LB.1.16.Z	2-1102274-2	93	HB-K.32.SG-VS.2.M32.Z	0-1106476-8	161
HB.24.STO-VS.1.29.G	1-1102328-1	142	HB-K.10.SG-LB.2.M25.Z	0-1106429-7	93	HB-K.32.STO.1.29.G	2-1102351-6	160
HB.24.STO-VS.1.M32.G	0-1106465-3	142	HB-K.10.SG-VS.1.16.Z	2-1102274-1	88	HB-K.32.STO.1.M40.G	0-1106477-7	160
HB.24.STS.1.21.G	1-1102316-6	139	HB-K.10.SG-VS.2.16.Z	2-1102276-1	88	HB-K.32.STO-GR.1.29.G	2-1102351-7	163
HB.24.STS.1.29.G	1-1102319-6	139	HB-K.10.SG-VS.2.M25.Z	0-1106429-8	88	HB-K.32.STO-GR.1.M40.G	0-1106477-8	163
HB.24.STS.1.M32.G	0-1106465-4	139	HB-K.10.STO.1.16.G	2-1102267-6	87	HB-K.32.STS.1.29.G	2-1102348-6	160
HB.24.STS-GR.1.21.G	1-1102316-7	144	HB-K.10.STO.1.21.G	2-1102270-6	87	HB-K.32.STS.1.M40.G	1-1106477-0	160
HB.24.STS-GR.1.29.G	1-1102319-7	144	HB-K.10.STO.1.M25.G	0-1106430-7	87	HB-K.32.STS-GR.1.29.G	2-1102348-7	163
HB.24.STS-GR.1.M32.G	0-1106465-5	144	HB-K.10.STO-GR.1.16.G	2-1102267-7	92	HB-K.32.STS-GR.1.M40.G	1-1106477-1	163
HB.24.STS-VS.1.21.G	1-1102316-1	142	HB-K.10.SG-LB.1.M25.G	0-1106430-8	92	HB-K.32.STS-VS.1.M40.G	1-1106477-2	162
HB.24.STS-VS.1.29.G	1-1102319-1	142	HB-K.10.STO-VS.1.16.G	2-1102267-1	90	HB-K.48.AGD-LB	2-1102389-2	173
HB.24.STS-VS.1.M32.G	0-1106465-6	142	HB-K.10.STO-VS.1.M25.G	0-1106430-9	90	HB-K.48.SGD-LB.1.36.Z	2-1107005-2	173
HB.32.AGD	1-1102360-6	162	HB-K.10.STS.1.16.G	2-1102261-6	87	HB-K.48.SGD-LB.2.36.Z	2-1107007-2	173
HB.32.AGD-LB	1-1102360-2	164	HB-K.10.STS.1.21.G	2-1102264-6	87	HB-K.48.SG-LB.1.36.Z	2-1102395-2	173
HB.32.AG-LB	1-1102352-2	164	HB-K.10.STS.1.M25.G	1-1106430-0	87	HB-K.48.SG-LB.2.36.Z	2-1102397-2	173
HB.32.AG-VS	1-1102352-1	160	HB-K.10.STS-GR.1.16	2-1102259-7	92	HB-K.48.SG-LB.2.M40.Z	0-1106481-4	173
HB.32.KDO-VS.1.29.G	1-1102359-1	161	HB-K.10.STS-GR.1.16.G	2-1102261-7	92	HB-K.48.STO-GR.1.36.G	2-1102385-7	172
HB.32.KDO-VS.1.M40.G	0-1106475-2	161	HB-K.10.SG-VS.1.16.G	2-1102261-1	90	HB-K.48.STO-GR.1.M50.G	0-1106482-6	172
HB.32.SGD.1.29.Z	1-1102362-6	162	HB-K.10.STS-VS.1.M25.G	1-1106430-2	90	HB-K.48.STS-GR.1.36.G	2-1102376-7	172
HB.32.SGD.2.29.Z	1-1102364-6	162	HB-K.16.AGD	2-1102305-6	119	HB-K.48.STS-GR.1.M50.G	0-1106482-4	172
HB.32.SGD.2.M32.Z	0-1106476-1	162	HB-K.16.AGD-LB	2-1102305-2	121	HB-K.6.AGD-LB	2-1102246-2	74
HB.32.SGD-LB.1.29.Z	1-1102362-2	164	HB-K.16.AG-LB	2-1102296-2	121	HB-K.6.AG-LB	2-1102244-2	74
HB.32.SGD-LB.2.M32.Z	0-1106476-2	164	HB-K.16.AG-VS	2-1102296-1	116	HB-K.6.KDO-LB.1.16.G	2-1102258-2	76
HB.32.SG-VS.1.29.Z	1-1102354-1	161	HB-K.16.KDO-VS.1.21.G	2-1102304-1	117	HB-K.6.KDO-LB.1.M25.G	0-1106417-2	76
HB.32.SG-VS.2.29.Z	1-1102356-1	161	HB-K.16.KDO-VS.1.M32.G	0-1106447-4	117	HB-K.6.SGD-LB.1.16.Z	2-1102253-2	75
HB.32.SG-VS.2.M32.Z	0-1106476-4	161	HB-K.16.SGD.1.21.Z	2-1102308-6	119	HB-K.6.SGD-LB.2.16.Z	2-1102255-2	75
HB.32.STO.1.29.G	1-1102351-6	160	HB-K.16.SGD.2.21.Z	2-1102310-6	119	HB-K.6.SGD-LB.2.M25.Z	0-1106418-3	75
HB.32.STO.1.M40.G	0-1106477-1	160	HB-K.16.SGD.2.M25.Z	0-1106448-5	119	HB-K.6.SG-LB.1.16.Z	2-1102249-2	74
HB.32.STO-GR.1.29.G	1-1102351-7	163	HB-K.16.SGD-LB.1.21.Z	2-1102308-2	122	HB-K.6.SG-LB.2.16.Z	2-1102251-2	74
HB.32.STO-GR.1.M40.G	0-1106477-2	163	HB-K.16.SGD-LB.2.21.Z	2-1102310-2	122	HB-K.6.SG-LB.2.M25.Z	0-1106418-4	74
HB.32.STS.1.29.G	1-1102348-6	160	HB-K.16.SGD-LB.2.M25.Z	0-1106448-6	122	HB-K.6.STO.1.16.G	2-1102243-7	73
HB.32.STS.1.M40.G	0-1106477-4	160	HB-K.16.SG-LB.2.M25.Z	0-1106448-7	121	HB-K.6.STO.1.M25.G	0-1106419-3	73
HB.32.STS-GR.1.29.G	1-1102348-7	163	HB-K.16.SG-VS.1.21.Z	2-1102299-1	116	HB-K.6.STS.1.13.G	0-1108573-5	73
HB.32.STS-GR.1.M40.G	0-1106477-5	163	HB-K.16.SG-VS.2.21.Z	2-1102301-1	116	HB-K.6.STS.1.16.G	2-1102240-7	73
HB.32.STS-VS.1.29.G	1-1102348-1	162	HB-K.16.SG-VS.2.M25.Z	0-1106448-9	116	HB-K.6.STS.1.M25.G	0-1106419-4	73
HB.32.STS-VS.1.M40.G	0-1106477-6	162	HB-K.16.STO.1.21.G	2-1102295-6	115	HB-K/Z.10.AG-ZVGR	2-1102271-8	96
HB.48.AGD-LB	1-1102389-2	173	HB-K.16.STO.1.M32.G	0-1106449-7	115	HB-K/Z.10.SG-ZVGR.1.16.Z	2-1102274-8	97
HB.48.SGD-LB.1.29.Z	1-1107001-2	173	HB-K.16.STO-GR.1.21.G	2-1102295-7	120	HB-K/Z.10.SG-ZVGR.2.16.Z	2-1102276-8	97
HB.48.SGD-LB.1.36.Z	1-1107005-2	173	HB-K.16.STO-GR.1.M32.G	0-1106448-8	120	HB-K/Z.10.SG-ZVGR.2.M25.Z	0-1106429-9	97
HB.48.SGD-LB.2.29.Z	1-1107003-2	173	HB-K.16.STO-VS.1.M32.G	0-1106449-9	118	HB-K/Z.10.STS-ZB.1.16.G	2-1102261-3	96
HB.48.SGD-LB.2.36.Z	1-1107007-2	173	HB-K.16.STS.1.21.G	2-1102292-6	115	HB-K/Z.10.STS-ZB.1.M25.G	1-1106430-4	96
HB.48.SGD-LB.2.M40.Z	0-1106481-1	173	HB-K.16.STS.1.M32.G	1-1106449-0	115	HB-K/Z.16.AG-ZVGR	2-1102296-8	123
HB.48.SG-LB.1.29.Z	1-1102391-2	173	HB-K.16.STS-GR.1.21.G	2-1102292-7	120	HB-K/Z.16.SG-ZVGR.1.21.Z	2-1102299-8	124
HB.48.SG-LB.1.36.Z	1-1102395-2	173	HB-K.16.STS-GR.1.M32.G	1-1106449-1	120	HB-K/Z.16.SG-ZVGR.2.21.Z	2-1102301-8	124
HB.48.SG-LB.2.29.Z	1-1102393-2	173	HB-K.16.STS-VS.1.M32.G	1-1106449-2	118	HB-K/Z.16.SG-ZVGR.2.M25.Z	1-1106448-0	124
HB.48.SG-LB.2.36.Z	1-1102397-2	173	HB-K.24.AGD	2-1102340-6	143	HB-K/Z.16.STS-ZB.1.21.G	2-1102292-3	123
HB.48.SG-LB.2.M40.Z	0-1106481-2	173	HB-K.24.AGD-LB	2-1102340-2	145	HB-K/Z.16.STS-ZB.1.M32.G	1-1106449-4	123
HB.48.STO-GR.1.29.G	1-1102382-7	172	HB-K.24.AG-LB	2-1102291-2	145	HB-K/Z.24.AG-ZVGR	2-1102291-8	149
HB.48.STO-GR.1.36.G	1-1102385-7	172	HB-K.24.AG-VS	2-1102291-1	140	HB-K/Z.24.SG-ZVGR.1.21.Z	2-1102331-8	149
HB.48.STO-GR.1.42.G	1-1102388-7	172	HB-K.24.KDO-LB.1.M32.G	0-1106463-3	147	HB-K/Z.24.STS-ZB.1.21.G	2-1102316-3	148
HB.48.STO-GR.1.M50.G	0-1106482-1	172	HB-K.24.KDO-VS.1.21.G	2-1102336-1	141	HB-K/Z.24.STS-ZB.1.M32.G	1-1106465-5	148
HB.48.STS-GR.1.29.G	1-1102373-7	172	HB-K.24.SGD.1.21.Z	2-1102343-6	143	HB-K/Z.32.AG-ZVGR	2-1102352-8	165
HB.48.STS-GR.1.36.G	1-1102376-7	172	HB-K.24.SGD.2.M25.G	0-1106464-5	143	HB-K/Z.32.STS-ZB.1.29.G	2-1102348-3	165
HB.48.STS-GR.1.42.G	1-1102379-7	172	HB-K.24.SGD-LB.1.21.Z	2-1102343-2	146	HB-K/Z.32.STS-ZB.1.M40.G	1-1106477-4	165
HB.48.STS-GR.1.M50.G	0-1106482-2	172	HB-K.24.SGD-LB.2.M25.Z	0-1106464-6	146	HB-K/Z.48.AG-ZVGR	2-1102377-8	174
HB.6.AGD-LB	1-1102246-2	74	HB-K.24.SG-LB.1.21.Z	2-1102331-2	146	HB-K/Z.48.STS-ZB.1.42.G	2-1102234-3	174
HB.6.AG-LB	1-1102244-2	74	HB-K.24.SG-LB.2.M25.Z	0-1106464-7	146	HB-K/Z.48.STS-ZB.1.42.Z	2-1102233-3	174
HB.6.KDO-LB.1.16.G	1-1102258-2	76	HB-K.24.SG-VS.1.21.Z	2-1102331-1	141	HB-K/Z.48.STS-ZB.1.48.G	2-1102236-3	174
HB.6.KDO-LB.1.M25.G	0-1106417-1	76	HB-K.24.SG-VS.2.21.Z	2-1102333-1	141	HB-K/Z.48.STS-ZB.1.48.Z	2-1102235-3	174
HB.6.SGD-LB.1.16.Z	1-1102253-2	75	HB-K.24.SG-VS.2.M25.Z	0-1106464-8	141	HB-K/Z.6.AG-ZVGR	2-1102244-8	77
HB.6.SGD-LB.2.16.Z	1-1102255-2	75	HB-K.24.STO.1.21.G	2-1102325-6	140	HB-K/Z.6.SG-ZVGR.1.16.Z	2-1102249-8	78
HB.6.SGD-LB.2.M25.Z	0-1106418-1	75	HB-K.24.STO.1.29.G	2-1102328-6	140	HB-K/Z.6.SG-ZVGR.2.16.Z	2-1102251-8	78
HB.6.SG-LB.1.16.Z	1-1102249-2	74	HB-K.24.STO.1.M32.G	0-1106465-7	140	HB-K/Z.6.SG-ZVGR.2.M25.Z	0-1106418-5	78
HB.6.SG-LB.2.16.Z	1-1102251-2	74	HB-K.24.STO-GR.1.29.G	2-1102328-7	145	HB-K/Z.6.STS-ZB.1.16.G	2-1102240-3	77
HB.6.SG-LB.2.M25.Z	0-1106418-2	74	HB-K.24.STO-GR.1.M32.G	0-1106465-8	145	HB-K/Z.6.STS-ZB.1.M25.G	0-1106419-5	77
HB.6.SKP	5-1106207-7	184	HB-K.24.STO-VS.1.M32.G	1-1106465-0	142	HB-KF.10.STS.1.16.G	1-1102211-6	87
HB.6.STO.1.16.G	1-1102243-7	73	HB-K.24.STS.1.21.G	2-1102316-6	139	HB-KF.10.STS.1.21.G	1-1102214-6	87
HB.6.STO.1.M25.G	0-1106419-1	73	HB-K.24.STS.1.29.G	2-1102319-6	139	HB-KF.10.STS.1.M25.G	0-1106431-1	87
HB.6.STS.1.16.G	1-1102240-7	73	HB-K.24.STS.1.M32.G	1-1106465-1	139	HB-KF.10.STS-GR.1.16.G	1-1102211-7	92
HB.6.STS.1.M25.G	0-1106419-2	73	HB-K.24.STS-GR.1.21.G	2-1102316-7	144	HB-KF.10.STS-GR.1.M25.G	0-1106431-2	92
HB-K.10.AGD	2-1102283-6	91	HB-K.24.STS-GR.1.29.G	2-1102319-7	144	HB-KF.10.STS-VS.1.16.G	1-1102211-1	90
HB-K.10.AGD-LB	2-1102283-2	93	HB-K.24.STS-GR.1.M32.G	1-1106465-2	144	HB-KF.10.STS-VS.1.M25.G	0-1106431-3	90
HB-K.10.AG-LB	2-1102271-2	93	HB-K.24.STS-VS.1.29.G	2-1102319-1	142	HB-KF.16.STS.1.21.G	1-1102220-6	115
HB-K.10.AG-VS	2-1102271-1	88	HB-K.24.STS-VS.1.M32.G	1-1106465-3	142	HB-KF.6.STS.1.16.G	1-1102205-7	73
HB-K.10.KDO-VS.1.16.G	2-1102279-1	89	HB-K.32.AGD	2-1102360-6	162	HB-KF.6.STS.1.M25.G	0-1106420-1	73
HB-K.10.KDO-VS.1.M25.G	0-1106428-4	89	HB-K.32.AGD-LB	2-1102360-2	164	HB-KF/K.10.STS.1.16.G	2-1102211-6	87
HB-K.10.SGD.1.16.Z	2-1102286-6	91	HB-K.32.AG-LB	2-1102352-2	164	HB-KF/K.10.STS.1.21.G	2-1102214-6	87
HB-K.10.SGD.2.M25.Z	0-1106429-5	91	HB-K.32.AG-VS	2-1102352-1	160	HB-KF/K.10.STS.1.M25.G	0-1106431-5	87

Sortiert nach Bezeichnung/Sorted by description

Bestelltext	Best-Nr.	Seite	Bestelltext	Best-Nr.	Seite	Bestelltext	Best-Nr.	Seite
HB-KF/K.10.STS-GR.1.16.G	2-1102211-7	92	HD.15.STO.1.M25.G	0-1106414-1	63	HD.40.KDO-LB.1.29.G	1-1102587-2	122
HB-KF/K.10.STS-VS.1.16.G	2-1102211-1	90	HD.15.STS.1.16.G	1-1102427-7	63	HD.40.KDO-LB.1.M32.G	0-1106450-1	122
HB-KF/K.10.STS-VS.1.M25.G	0-1106431-7	90	HD.15.STS.1.21.G	1-1102430-7	63	HD.40.KDO-VS.1.21.G	1-1102584-1	117
HB-KF/K.10.STS-VS.1.M25.G	0-1106431-7	92	HD.15.STS.1.M25.G	0-1106414-2	63	HD.40.KDO-VS.1.29.G	1-1102587-1	117
HB-KF/K.16.STS.1.M32.G	1-1106449-8	115	HD.16.Bu.C	2-1103007-3	69	HD.40.KDO-VS.1.M32.G	0-1106450-2	117
HB-KF/K.6.STS.1.16.G	2-1102205-7	73	HD.16.KDO-LB.1.21.G	1-1102489-2	76	HD.40.SGD.1.21.Z	1-1102589-6	119
HB-KF/K.6.STS.1.M25.G	0-1102899-1	73	HD.16.KDO-LB.1.M32.G	0-1106421-1	76	HD.40.SGD.1.29.Z	1-1102593-6	119
HB-KF/K.Z.10.STS-ZB.1.16.G	2-1102211-3	96	HD.16.SGD-LB.1.21.Z	1-1102480-2	75	HD.40.SGD.2.21.Z	1-1102591-6	119
HB-KF/K.Z.10.STS-ZB.1.M25.G	0-1106431-8	96	HD.16.SGD-LB.2.21.Z	1-1102482-2	75	HD.40.SGD.2.29.Z	1-1102595-6	119
HB-KF/K.Z.16.STS-ZB.1.21.G	2-1102220-3	123	HD.16.SGD-LB.2.M32.Z	0-1106422-1	75	HD.40.SGD.2.M32.Z	0-1106451-1	119
HB-KF/K.Z.16.STS-ZB.1.M32.G	2-1106449-1	123	HD.16.SG-LB.1.21.Z	1-1102472-2	75	HD.40.SGD-LB.1.21.Z	1-1102589-2	122
HB-KF/K.Z.24.STS-ZB.1.29.G	2-1102232-3	148	HD.16.SG-LB.2.21.Z	1-1102474-2	75	HD.40.SGD-LB.1.29.Z	1-1102593-2	122
HB-KF/K.Z.24.STS-ZB.1.M32.G	0-1106466-7	148	HD.16.SG-LB.2.M32.Z	0-1106422-2	75	HD.40.SGD-LB.2.21.Z	1-1102591-2	122
HB-KF/K.Z.6.STS-ZB.1.16.G	2-1102205-3	77	HD.16.Sti.C	2-1103006-3	69	HD.40.SGD-LB.2.29.Z	1-1102595-2	122
HB-KF/K.Z.6.STS-ZB.1.M25.G	0-1106420-2	77	HD.16.STO.1.21.G	1-1102467-7	74	HD.40.SGD-LB.2.M32.Z	0-1106451-2	122
HB-KF-Z.10.STS-ZB.1.16.G	1-1102211-3	96	HD.16.STO.1.M32.G	0-1106423-1	74	HD.40.SG-LB.1.21.Z	1-1102575-2	121
HB-KF-Z.10.STS-ZB.1.M25.G	0-1106431-4	96	HD.16.Sti.C	2-1102462-1	73	HD.40.SG-LB.1.29.Z	1-1102579-2	121
HB-KF-Z.16.STS-ZB.1.21.G	1-1102220-3	123	HD.16.STS.1.M32.G	0-1106423-2	73	HD.40.SG-LB.2.21.Z	1-1102577-2	121
HB-KF-Z.16.STS-ZB.1.M32.G	2-1106449-2	123	HD.24.Bu.C	2-1103009-3	84	HD.40.SG-LB.2.29.Z	1-1102581-2	121
HB-KF-Z.24.STS-ZB.1.21.G	1-1102229-3	148	HD.24.KDO-LB.1.29.G	1-1102519-2	94	HD.40.SG-LB.2.M32.Z	0-1106451-3	121
HB-KF-Z.24.STS-ZB.1.29.G	1-1102232-3	148	HD.24.KDO-LB.1.M32.G	0-1106432-1	94	HD.40.SG-VS.1.21.Z	1-1102575-1	116
HB-KF-Z.24.STS-ZB.1.M32.G	0-1106466-8	148	HD.24.KDO-VS.1.M32.G	0-1106432-2	89	HD.40.SG-VS.1.29.Z	1-1102579-1	116
HB-KF-Z.6.STS-ZB.1.16.G	1-1102205-3	77	HD.24.SGD.2.21.Z	1-1102523-6	91	HD.40.SG-VS.2.21.Z	1-1102577-1	116
HB-KF-Z.6.STS-ZB.1.M25.G	0-1106420-3	77	HD.24.SGD.2.M32.Z	0-1106433-1	91	HD.40.SG-VS.2.29.Z	1-1102581-1	116
HB-Z.10.AG-ZVGR	1-1102271-8	96	HD.24.SGD-LB.1.29.Z	1-1102525-2	94	HD.40.SG-VS.2.M32.Z	0-1106451-4	116
HB-Z.10.SG-ZVGR.1.16.Z	1-1102274-8	97	HD.24.SGD-LB.2.21.Z	1-1102523-2	94	HD.40.Sti.C	2-1103012-3	110
HB-Z.10.SG-ZVGR.2.16.Z	1-1102276-8	97	HD.24.SGD-LB.2.29.Z	1-1102527-2	94	HD.40.Sti.C	2-1103012-3	158
HB-Z.10.STS-ZB.1.16.G	1-1102261-3	96	HD.24.SGD-LB.2.M32.Z	0-1106433-2	94	HD.40.STO.1.21.G	1-1102570-6	116
HB-Z.10.STS-ZB.1.M25.G	1-1106430-6	96	HD.24.SG-LB.1.21.Z	1-1102507-2	93	HD.40.STO.1.29.G	1-1102573-6	116
HB-Z.16.AG-ZVGR	1-1102296-8	123	HD.24.SG-LB.1.29.Z	1-1102511-2	93	HD.40.STO.1.M32.G	0-1106452-1	116
HB-Z.16.SG-ZVGR.1.21.Z	1-1102299-8	124	HD.24.SG-LB.2.21.Z	1-1102509-2	93	HD.40.STO.1.M40.G	0-1102920-1	116
HB-Z.16.SG-ZVGR.2.21.Z	1-1102301-8	124	HD.24.SG-LB.2.29.Z	1-1102513-2	93	HD.40.STO-GR.1.21.G	1-1102570-7	120
HB-Z.16.SG-ZVGR.2.M25.Z	1-1106448-1	124	HD.24.SG-LB.2.M32.Z	0-1106433-3	93	HD.40.STO-GR.1.29.G	1-1102573-7	120
HB-Z.16.STS-ZB.1.21.G	1-1102292-3	123	HD.24.SG-VS.1.21.Z	1-1102507-1	88	HD.40.STO-GR.1.M32.G	0-1106452-2	120
HB-Z.16.STS-ZB.1.M32.G	2-1106449-4	123	HD.24.SG-VS.1.29.Z	1-1102511-1	88	HD.40.STO-VS.1.21.G	1-1102570-1	118
HB-Z.24.AG-ZVGR	1-1102291-8	149	HD.24.SG-VS.2.21.Z	1-1102509-1	88	HD.40.STO-VS.1.29.G	1-1102573-1	118
HB-Z.24.SG-ZVGR.1.21.Z	1-1102331-8	149	HD.24.SG-VS.2.29.Z	1-1102513-1	88	HD.40.STO-VS.1.M32.G	0-1106452-3	118
HB-Z.24.SG-ZVGR.2.21.Z	1-1102333-8	149	HD.24.SG-VS.2.M32.Z	0-1106433-4	88	HD.40.STS.1.21.G	1-1102564-6	115
HB-Z.24.SG-ZVGR.2.M25.Z	1-1106464-0	149	HD.24.Sti.C	2-1103008-3	84	HD.40.STS.1.29.G	1-1102567-6	115
HB-Z.24.STS-ZB.1.21.G	1-1102316-3	148	HD.24.STO.1.21.G	1-1102502-6	87	HD.40.STS.1.M32.G	0-1106452-4	115
HB-Z.24.STS-ZB.1.29.G	1-1102319-3	148	HD.24.STO.1.29.G	1-1102505-6	87	HD.40.STS.1.M40.G	1-1106452-7	115
HB-Z.24.STS-ZB.1.M32.G	1-1106465-9	148	HD.24.STO.1.M32.G	0-1106434-1	87	HD.40.STS-GR.1.21.G	1-1102564-7	120
HB-Z.32.AG-ZVGR	1-1102352-8	165	HD.24.STO-GR.1.21.G	1-1102502-7	92	HD.40.STS-GR.1.29.G	1-1102567-7	120
HB-Z.32.SG-ZVGR.1.29.Z	1-1102354-8	165	HD.24.STO-GR.1.29.G	1-1102505-7	92	HD.40.STS-GR.1.M32.G	0-1106452-5	120
HB-Z.32.SG-ZVGR.2.29.Z	1-1102356-8	165	HD.24.STO-GR.1.M32.G	0-1106434-2	92	HD.40.STS-VS.1.21.G	1-1102564-1	118
HB-Z.32.STS-ZB.1.29.G	1-1102348-3	165	HD.24.STO-VS.1.29.G	1-1102505-1	90	HD.40.STS-VS.1.29.G	1-1102567-1	118
HB-Z.32.STS-ZB.1.M40.G	1-1106477-6	165	HD.24.STO-VS.1.M32.G	0-1106434-3	90	HD.40.STS-VS.1.M32.G	0-1106452-6	118
HB-Z.48.AG-ZVGR	1-1102237-8	174	HD.24.STS.1.21.G	1-1102496-6	87	HD.50.STO.1.M40.G	0-1106459-1	130
HB-Z.48.STS-ZB.1.42.G	1-1102234-3	174	HD.24.STS.1.29.G	1-1102499-6	87	HD.50.STO-VS.1.M40.G	0-1106459-2	131
HB-Z.48.STS-ZB.1.42.Z	1-1102233-3	174	HD.24.STS.1.M32.G	0-1106434-4	87	HD.50.STS.1.M40.G	0-1106459-3	130
HB-Z.48.STS-ZB.1.48.G	1-1102236-3	174	HD.24.STS-GR.1.21.G	1-1102496-7	92	HD.50.STS-VS.1.M40.G	0-1106459-4	131
HB-Z.48.STS-ZB.1.48.Z	1-1102235-3	174	HD.24.STS-GR.1.M32.G	0-1106434-5	92	HD.64.Bu.C	2-1103033-3	136
HB-Z.6.AG-ZVGR	1-1102244-8	77	HD.24.STS-VS.1.21.G	1-1102496-1	90	HD.64.Bu.C	2-1103033-3	170
HB-Z.6.SG-ZVGR.1.16.Z	1-1102249-8	78	HD.24.STS-VS.1.29.G	1-1102499-1	90	HD.64.KDO-LB.1.21.G	1-1103355-2	147
HB-Z.6.SG-ZVGR.2.16.Z	1-1102251-8	78	HD.24.STS-VS.1.M25.G	1-1106434-5	90	HD.64.KDO-LB.1.29.G	1-1103358-2	147
HB-Z.6.SG-ZVGR.2.M25.Z	0-1106418-6	78	HD.24.STS-VS.1.M32.G	0-1106434-6	90	HD.64.KDO-LB.1.M32.G	0-1106468-1	147
HB-Z.6.STS-ZB.1.16.G	1-1102240-3	77	HD.25.Bu.C	2-1103011-3	102	HD.64.KDO-VS.1.21.G	1-1103355-1	141
HB-Z.6.STS-ZB.1.M25.G	0-1106419-6	77	HD.25.Bu.C	2-1103011-3	129	HD.64.KDO-VS.1.29.G	1-1103358-1	141
HD.108.STO.1.36.G	1-1102414-6	140	HD.25.KDO-LB.1.21.G	1-1102561-2	105	HD.64.KDO-VS.1.M32.G	0-1106468-2	141
HD.108.STO.1.M50.G	0-1106467-1	140	HD.25.KDO-LB.1.M25.G	0-1106440-1	105	HD.64.SGD.1.21.Z	1-1103360-6	143
HD.108.STS.1.29.G	1-1102411-6	139	HD.25.SGD-LB.1.16.Z	1-1102549-2	105	HD.64.SGD.1.29.Z	1-1103364-6	143
HD.108.STS.1.M50.G	0-1106467-4	139	HD.25.SGD-LB.1.21.Z	1-1102553-2	105	HD.64.SGD.2.21.Z	1-1103362-6	143
HD.108.STS-GR.1.29.G	1-1102411-7	144	HD.25.SGD-LB.2.16.Z	1-1102551-2	105	HD.64.SGD.2.29.Z	1-1103366-6	143
HD.108.STS-GR.1.M50.G	0-1106467-5	144	HD.25.SGD-LB.2.21.Z	1-1102555-2	105	HD.64.SGD.2.M32.Z	0-1106469-1	143
HD.15.Bu.C	2-1103005-3	62	HD.25.SGD-LB.2.M25.Z	0-1106441-1	105	HD.64.SGD-LB.1.21.Z	1-1103360-2	146
HD.15.KDO-LB.1.16.G	1-1102455-2	65	HD.25.SG-LB.1.16.Z	1-1102541-2	104	HD.64.SGD-LB.1.29.Z	1-1103364-2	146
HD.15.KDO-LB.1.21.G	1-1102458-2	65	HD.25.SG-LB.1.21.Z	1-1102545-2	104	HD.64.SGD-LB.2.21.Z	1-1103362-2	146
HD.15.KDO-LB.1.M25.G	0-1106412-1	65	HD.25.SG-LB.2.16.Z	1-1102543-2	104	HD.64.SGD-LB.2.29.Z	1-1103366-2	146
HD.15.SGD-LB.1.16.Z	1-1102446-2	65	HD.25.SG-LB.2.21.Z	1-1102547-2	104	HD.64.SGD-LB.2.M32.Z	0-1106469-2	146
HD.15.SGD-LB.1.21.Z	1-1102450-2	65	HD.25.SG-LB.2.M25.Z	0-1106441-2	104	HD.64.SG-LB.1.21.Z	1-1103364-2	146
HD.15.SGD-LB.2.16.Z	1-1102448-2	65	HD.25.Sti.C	2-1103010-3	102	HD.64.SG-LB.1.29.Z	1-1103350-2	146
HD.15.SGD-LB.2.21.Z	1-1102452-2	65	HD.25.Sti.C	2-1103010-3	129	HD.64.SG-LB.2.21.Z	1-1103348-2	146
HD.15.SGD-LB.2.M25.Z	0-1106413-1	65	HD.25.STO.1.16.G	1-1102536-7	103	HD.64.SG-LB.2.29.Z	1-1103352-2	146
HD.15.SG-LB.1.16.Z	1-1102438-2	64	HD.25.STO.1.21.G	1-1102539-7	103	HD.64.SG-LB.2.M32.Z	0-1106469-3	146
HD.15.SG-LB.1.21.Z	1-1102442-2	64	HD.25.STO.1.M25.G	0-1106442-1	103	HD.64.SG-VS.1.21.Z	1-1103346-1	141
HD.15.SG-LB.2.16.Z	1-1102440-2	64	HD.25.STS.1.16.G	1-1102530-7	103	HD.64.SG-VS.1.29.Z	1-1103350-1	141
HD.15.SG-LB.2.21.Z	1-1102444-2	64	HD.25.STS.1.21.G	1-1102533-7	103	HD.64.SG-VS.2.21.Z	1-1103348-1	141
HD.15.SG-LB.2.M25.Z	0-1106413-2	64	HD.25.STS.1.M25.G	0-1106442-2	103	HD.64.SG-VS.2.29.Z	1-1103352-1	141
HD.15.Sti.C	2-1103004-3	62	HD.40.Bu.C	2-1103013-3	110	HD.64.SG-VS.2.M32.Z	0-1106469-4	141
HD.15.STO.1.16.G	1-1102433-7	63	HD.40.Bu.C	2-1103013-3	158	HD.64.Sti.C	2-1103032-3	136
HD.15.STO.1.21.G	1-1102436-7	63	HD.40.KDO-LB.1.21.G	1-1102584-2	122	HD.64.Sti.C	2-1103032-3	170

Sortiert nach Bezeichnung/Sorted by description

Bestelltext	Best-Nr.	Seite	Bestelltext	Best-Nr.	Seite	Bestelltext	Best-Nr.	Seite
HD.64.STO.1.21.G	1-1103341-6	140	HD-K.24.SG-VS.1.21.Z	2-1102507-1	88	HD-K/Z.24.SG-ZVGR.2.29.Z	2-1102513-8	97
HD.64.STO.1.29.G	1-1103344-6	140	HD-K.24.SG-VS.1.29.Z	2-1102511-1	88	HD-K/Z.24.SG-ZVGR.2.M32.Z	0-1106469-9	97
HD.64.STO.1.M32.G	0-1106470-1	140	HD-K.24.SG-VS.2.21.Z	2-1102509-1	88	HD-K/Z.24.STS-ZB.1.21.G	2-1102496-3	96
HD.64.STO.1.M40.G	3-1106470-0	140	HD-K.24.SG-VS.2.M32.Z	0-1106433-8	88	HD-K/Z.24.STS-ZB.1.29.G	2-1102499-3	96
HD.64.STO-GR.1.21.G	1-1103341-7	145	HD-K.24.STO.1.21.G	2-1102502-6	87	HD-K/Z.40.SG-ZVGR.2.M32.Z	0-1106451-9	124
HD.64.STO-GR.1.29.G	1-1103344-7	145	HD-K.24.STO.1.29.G	2-1102505-6	87	HD-K/Z.40.STS-ZB.1.21.G	2-1102564-3	123
HD.64.STO-GR.1.M32.G	0-1106470-2	145	HD-K.24.STO.1.M32.G	0-1106434-7	87	HD-K/Z.40.STS-ZB.1.29.G	2-1102567-3	123
HD.64.STO-VS.1.21.G	1-1103341-1	142	HD-K.24.STO-GR.1.29.G	2-1102505-7	92	HD-K/Z.40.STS-ZB.1.M32.G	1-1106452-4	123
HD.64.STO-VS.1.29.G	1-1103344-1	142	HD-K.24.STO-GR.1.M32.G	0-1106434-8	92	HD-K/Z.64.SG-ZVGR.1.29.Z	2-1103350-8	149
HD.64.STO-VS.1.M32.G	0-1106470-3	142	HD-K.24.STO-VS.1.21.G	2-1102502-1	90	HD-K/Z.64.SG-ZVGR.2.29.Z	2-1103352-8	149
HD.64.STS.1.21.G	1-1103336-6	139	HD-K.24.STO-VS.1.29.G	2-1102505-1	90	HD-K/Z.64.SG-ZVGR.2.M32.Z	1-1106469-0	149
HD.64.STS.1.29.G	1-1103338-6	139	HD-K.24.STO-VS.1.M32.G	0-1106434-9	90	HD-K/Z.64.STS-ZB.1.29.G	2-1103338-3	148
HD.64.STS.1.M32.G	0-1106470-4	139	HD-K.24.STS.1.21.G	2-1102496-6	87	HD-K/Z.64.STS-ZB.1.M32.G	1-1106470-6	148
HD.64.STS.1.M40.G	1-1106470-9	139	HD-K.24.STS.1.29.G	2-1102499-6	87	HD-KF.40.STS.1.29.G	1-1102765-0	115
HD.64.STS-GR.1.21.G	1-1103336-7	144	HD-K.24.STS-GR.1.21.G	2-1102496-7	92	HD-KF.40.STS.1.M40.G	1-1102766-0	115
HD.64.STS-GR.1.29.G	1-1103338-7	144	HD-K.24.STS-GR.1.M32.G	1-1106434-1	92	HD-KF/K.40.STS.1.29.G	2-1102765-0	115
HD.64.STS-GR.1.M32.G	0-1106470-5	144	HD-K.24.STS-GR.1.21.G	2-1102496-1	90	HD-KF/K.40.STS.1.M40.G	2-1102766-0	115
HD.64.STS-GR.1.M40.G	3-1106470-5	144	HD-K.24.STS-VS.1.29.G	2-1102499-1	90	HD-KF/K.2.64.STS-ZB.1.36.G	2-1102408-3	148
HD.64.STS-VS.1.21.G	1-1103336-1	142	HD-K.40.KDO-LB.1.M32.G	0-1106450-3	122	HD-KF-Z.64.STS-ZB.1.29.G	1-1102405-3	148
HD.64.STS-VS.1.29.G	1-1103338-1	142	HD-K.40.KDO-VS.1.29.G	2-1102587-1	117	HD-KF-Z.64.STS-ZB.1.36.G	1-1102408-3	148
HD.64.STS-VS.1.M32.G	0-1106470-6	142	HD-K.40.KDO-VS.1.M32.G	0-1106450-4	117	HD-KF-Z.64.STS-ZB.1.M40.G	0-1106471-9	148
HD.7.AG-LB	1-1102419-2	--	HD-K.40.SGD.1.21.Z	2-1102589-6	119	HD-Z.16.SG-ZVGR.1.21.Z	1-1102472-8	78
HD.7.AGW-LB	1-1102420-2	--	HD-K.40.SGD.2.21.Z	2-1102591-6	119	HD-Z.16.SG-ZVGR.2.21.Z	1-1102474-8	78
HD.7.Bu.C.B1-7	2-1103003-3	48	HD-K.40.SGD.2.M32.Z	0-1106451-5	119	HD-Z.16.SG-ZVGR.2.M32.Z	0-1106422-5	78
HD.7.Bu.C/250V	2-1103001-3	48	HD-K.40.SGD-LB.1.21.Z	2-1102589-2	122	HD-Z.16.STS-ZB.1.21.G	1-1102461-3	77
HD.7.KDO-LB.1.11.Z	1-1102424-2	--	HD-K.40.SGD-LB.1.29.Z	2-1102593-2	122	HD-Z.16.STS-ZB.1.M32.G	0-1106423-5	77
HD.7.KDO-LB.1.M20.Z	0-1102862-1	--	HD-K.40.SGD-LB.2.21.Z	2-1102591-2	122	HD-Z.24.SG-ZVGR.1.29.Z	1-1102511-8	97
HD.7.SG-LB.1.11.Z	1-1102422-2	--	HD-K.40.SGD-LB.2.29.Z	2-1102595-2	122	HD-Z.24.SG-ZVGR.2.29.Z	1-1102513-8	97
HD.7.SG-LB.1.M20.Z	0-1102860-1	--	HD-K.40.SGD-LB.2.M32.Z	0-1106451-6	122	HD-Z.24.SG-ZVGR.2.M32.Z	1-1106434-4	97
HD.7.SKB	0-1108741-3	--	HD-K.40.SG-LB.1.21.Z	2-1102575-2	121	HD-Z.24.STS-ZB.1.21.G	1-1102496-3	96
HD.7.Sti.C.B1-7	2-1103002-3	48	HD-K.40.SG-LB.2.M32.Z	0-1106451-7	121	HD-Z.24.STS-ZB.1.29.G	1-1102499-3	96
HD.7.Sti.C/250V	2-1103000-3	48	HD-K.40.SG-VS.1.21.Z	2-1102575-1	116	HD-Z.24.STS-ZB.1.M32.G	1-1106434-3	96
HD.7.STO.1.11.Z	1-1102416-7	--	HD-K.40.SG-VS.1.29.Z	2-1102579-1	116	HD-Z.40.SG-ZVGR.2.M32.Z	1-1106451-0	124
HD.7.STO.1.M20.Z	0-1102856-1	--	HD-K.40.SG-VS.2.21.Z	2-1102577-1	116	HD-Z.40.STS-ZB.1.21.G	1-1102564-3	123
HD.7.STW.1.11.Z	1-1102418-7	--	HD-K.40.SG-VS.2.M32.Z	0-1106451-8	116	HD-Z.40.STS-ZB.1.29.G	1-1102567-3	123
HD.7.STW.1.M20.Z	0-1102858-1	--	HD-K.40.STO.1.21.G	2-1102570-6	116	HD-Z.40.STS-ZB.1.M32.G	1-1106452-6	123
HD.8.Bu.C	0-1102893-1	48	HD-K.40.STO.1.29.G	2-1102573-6	116	HD-Z.64.SG-ZVGR.1.21.Z	1-1103346-8	149
HD.8.Sti.C	0-1102892-1	48	HD-K.40.STO.1.M32.G	0-1106452-7	116	HD-Z.64.SG-ZVGR.1.29.Z	1-1103350-8	149
HD.M-C-Bu.Au.0,3-0,56 mm² A	1-163087-1	35	HD-K.40.STO-GR.1.21.G	2-1102570-7	120	HD-Z.64.SG-ZVGR.2.29.Z	1-1103352-8	149
HD.M-C-Bu.Au.0,8-1,5 mm² A	0-0163083-7	35	HD-K.40.STO-GR.1.M32.G	0-1106452-8	120	HD-Z.64.SG-ZVGR.2.M32.Z	1-1106469-2	149
HD.M-C-Bu.Sn.0,3-0,56 mm²	1-1105001-3	35	HD-K.40.STO-VS.1.21.G	2-1102570-1	118	HD-Z.64.STS-ZB.1.21.G	1-1103336-3	148
HD.M-C-Bu.Sn.0,5-1,5 mm²	2-1105001-3	35	HD-K.40.STO-VS.1.M32.G	0-1106452-9	118	HD-Z.64.STS-ZB.1.29.G	1-1103338-3	148
HD.M-C-Bu.Sn.1,5-2,5 mm²	4-1105001-3	35	HD-K.40.STS.1.21.G	2-1102564-6	115	HD-Z.64.STS-ZB.1.M32.G	1-1106470-8	148
HD.M-C-Sti.Au.0,3-0,56 mm²	1-1105000-2	35	HD-K.40.STS.1.29.G	2-1102567-6	115	HE.10.Bu.C	2-1103637-3	81
HD.M-C-Sti.Au.0,3-0,56 mm² A	0-0164160-4	35	HD-K.40.STS.1.M32.G	1-1106452-0	115	HE.10.Bu.S	1-1103637-1	81
HD.M-C-Sti.Au.0,8-1,5 mm²	3-1105000-2	35	HD-K.40.STS-GR.1.21.G	2-1102564-7	120	HE.10.Bu.SC	7-1103637-1	81
HD.M-C-Sti.Au.0,8-1,5 mm² A	0-0164161-4	35	HD-K.40.STS-GR.1.29.G	2-1102567-7	120	HE.10.Sti.C	2-1103636-3	81
HD.M-C-Sti.Sn.0,3-0,56 mm²	1-1105000-3	35	HD-K.40.STS-GR.1.M32.G	1-1106452-1	120	HE.10.Sti.S	1-1103636-1	81
HD.M-C-Sti.Sn.0,5-1,5 mm²	2-1105000-3	35	HD-K.40.STS-VS.1.21.G	2-1102564-1	118	HE.10.Sti.SC	7-1103636-1	81
HD.M-C-Sti.Sn.0,5-1,5 mm² A	0-0164161-9	35	HD-K.40.STS-VS.1.29.G	2-1102567-1	118	HE.16.Bu.C.B1-16	2-1103639-3	106
HD.M-C-Sti.Sn.1,5-2,5 mm²	4-1105000-3	35	HD-K.40.STS-VS.1.M32.G	1-1106452-2	118	HE.16.Bu.C.B1-16	2-1103639-3	155
HD.M-C-Sti.Sn.1,5-2,5 mm² B	0-0166824-2	35	HD-K.64.SGD.1.29.Z	2-1103364-6	143	HE.16.Bu.C.B17-32	2-1103639-9	155
HD20.R.F.HANDTOOL	169424-1	32	HD-K.64.SGD.2.M32.Z	0-1106469-5	143	HE.16.Bu.S.B1-16	1-1103639-1	106
HD-K.108.STO.1.36.G	2-1102414-6	140	HD-K.64.SGD-LB.1.29.Z	2-1103364-2	146	HE.16.Bu.S.B1-16	1-1103639-1	155
HD-K.108.STO.1.M50.G	0-1106467-7	140	HD-K.64.SGD-LB.2.M32.Z	0-1106469-6	146	HE.16.Bu.S.B17-32	1-1103639-9	155
HD-K.108.STS.1.29.G	2-1102411-6	139	HD-K.64.SG-LB.1.29.Z	2-1103350-2	146	HE.16.Bu.SC.B1-16	7-1103639-1	106
HD-K.108.STS.1.M50.G	1-1106467-0	139	HD-K.64.SG-LB.2.M32.Z	0-1106469-7	146	HE.16.Bu.SC.B1-16	7-1103639-1	155
HD-K.108.STS-GR.1.29.G	2-1102411-7	144	HD-K.64.SG-VS.1.21.Z	2-1103346-1	141	HE.16.Bu.SC.B17-32	7-1103639-9	155
HD-K.108.STS-GR.1.M50.G	1-1106467-1	144	HD-K.64.SG-VS.1.29.Z	2-1103350-1	141	HE.16.Sti.C.B1-16	2-1103638-3	106
HD-K.16.KDO-LB.1.21.G	2-1102489-2	76	HD-K.64.SG-VS.2.21.Z	2-1103348-1	141	HE.16.Sti.C.B1-16	2-1103638-3	155
HD-K.16.KDO-LB.1.M32.G	0-1106421-2	76	HD-K.64.SG-VS.2.29.Z	2-1103352-1	141	HE.16.Sti.C.B17-32	2-1103638-9	155
HD-K.16.SGD-LB.1.21.Z	2-1102480-2	75	HD-K.64.SG-VS.2.M32.Z	0-1106469-8	141	HE.16.Sti.C.B1-16	1-1103638-1	106
HD-K.16.SGD-LB.2.21.Z	2-1102482-2	75	HD-K.64.STO.1.21.G	2-1103341-6	140	HE.16.Sti.S.B1-16	1-1103638-1	155
HD-K.16.SGD-LB.2.M32.Z	0-1106422-3	75	HD-K.64.STO.1.29.G	2-1103344-6	140	HE.16.Sti.S.B17-32	1-1103638-9	155
HD-K.16.SG-LB.1.21.Z	2-1102472-2	75	HD-K.64.STO.1.M32.G	0-1106470-7	140	HE.16.Sti.SC.B1-16	7-1103638-1	106
HD-K.16.SG-LB.2.21.Z	2-1102474-2	75	HD-K.64.STO-GR.1.29.G	2-1103344-7	145	HE.16.Sti.SC.B1-16	7-1103638-1	155
HD-K.16.SG-LB.2.M32.Z	0-1106422-4	75	HD-K.64.STO-GR.1.M32.G	0-1106470-8	145	HE.16.Sti.SC.B17-32	7-1103638-9	155
HD-K.16.STO.1.21.G	2-1102467-7	74	HD-K.64.STO-VS.1.29.G	2-1103344-1	142	HE.24.Bu.C.B1-24	2-1103641-3	132
HD-K.16.STO.1.M32.G	0-1106423-3	74	HD-K.64.STO-VS.1.M32.G	0-1106470-9	142	HE.24.Bu.C.B1-24	2-1103641-3	168
HD-K.16.STS.1.21.G	2-1102461-7	73	HD-K.64.STS.1.21.G	2-1103336-6	139	HE.24.Bu.C.B25-48	2-1103641-9	168
HD-K.16.STS.1.M32.G	0-1106423-4	73	HD-K.64.STS.1.29.G	2-1103338-6	139	HE.24.Bu.S.B1-24	1-1103641-1	132
HD-K.24.KDO-LB.1.29.G	2-1102519-2	94	HD-K.64.STS.1.M32.G	1-1106470-0	139	HE.24.Bu.S.B1-24	1-1103641-1	168
HD-K.24.KDO-LB.1.M32.G	0-1106432-3	94	HD-K.64.STS-GR.1.29.G	2-1103338-7	144	HE.24.Bu.S.B25-48	1-1103641-9	168
HD-K.24.KDO-VS.1.M32.G	0-1106432-4	89	HD-K.64.STS-GR.1.M32.G	1-1106470-1	144	HE.24.Bu.S.C.B1-24	7-1103641-1	168
HD-K.24.SGD.2.29.Z	2-1102527-6	91	HD-K.64.STS-VS.1.29.G	2-1103338-1	142	HE.24.Bu.SC.B1-24	7-1103641-1	168
HD-K.24.SGD.2.M32.Z	0-1106433-5	91	HD-K.64.STS-VS.1.M32.G	1-1106470-2	142	HE.24.Bu.SC.B25-48	7-1103641-9	168
HD-K.24.SGD-LB.1.21.Z	2-1102521-2	94	HD-K/Z.16.SG-ZVGR.1.21.Z	2-1102472-8	78	HE.24.Sti.C.B1-24	2-1103640-3	132
HD-K.24.SGD-LB.1.29.Z	2-1102525-2	94	HD-K/Z.16.SG-ZVGR.2.21.Z	2-1102474-8	78	HE.24.Sti.C.B1-24	2-1103640-3	168
HD-K.24.SGD-LB.2.29.Z	2-1102527-2	94	HD-K/Z.16.SG-ZVGR.2.M32.Z	1-1106469-1	78	HE.24.Sti.C.B25-48	2-1103640-9	168
HD-K.24.SGD-LB.2.M32.Z	0-1106433-6	94	HD-K/Z.16.STS-ZB.1.21.G	2-1102461-3	77	HE.24.Sti.S.B1-24	1-1103640-1	132
HD-K.24.SG-LB.2.M32.Z	0-1106433-7	93	HD-K/Z.24.SG-ZVGR.1.29.Z	2-1102511-8	97	HE.24.Sti.S.B1-24	1-1103640-1	168

Sortiert nach Bezeichnung/Sorted by description

Bestelltext	Best-Nr.	Seite	Bestelltext	Best-Nr.	Seite	Bestelltext	Best-Nr.	Seite
HE.24.Sti.S.B25-48	1-1103640-9	168	HF-EMVK.12.STO.2.M50.G+1.M20.G	0-1102840-3	176	HIP.16/40.SG.2.M32.G	0-1106453-1	126
HE.24.Sti.SC.B1-24	7-1103640-1	132	HF-EMV-K.8.AG	0-1102836-1	176	HIP.16/40.STO.1.21.G	1-1102653-5	125
HE.24.Sti.SC.B1-24	7-1103640-1	168	HF-EMV-K.8.AG.N	0-1102837-1	176	HIP.16/40.STO.1.29.G	1-1102655-5	125
HE.24.Sti.SC.B25-48	7-1103640-9	168	HF-EMV-K.8.STO.1.M50.G	0-1102839-3	176	HIP.16/40.STO.1.M32.G	0-1106454-1	125
HE.6.Bu.C.B1-6	2-1103635-3	66	HF-EMV-K.8.STO.2.M40.G	0-1102839-1	176	HIP.16/40.STS.1.21.G	1-1102649-5	125
HE.6.Bu.S.B1-6	1-1103635-1	66	HF-HIPK.12.AG	0-1102192-2	176	HIP.16/40.STS.1.29.G	1-1102651-5	125
HE.6.Bu.SC.B1-6	7-1103635-1	66	HF-HIP-K.12.AG.N	0-1102838-2	176	HIP.16/40.STS.1.M32.G	0-1106454-2	125
HE.6.Sti.C.B1-6	2-1103634-3	66	HF-HIPK.12.STO.2.M40.G+1.M20.G	0-1102840-2	176	HIP.24/64.AG	1-1102665-5	151
HE.6.Sti.S.B1-6	1-1103634-1	66	HF-HIPK.12.STO.2.M50.G+1.M20.G	0-1102840-4	176	HIP.24/64.AG.M6	1-1102626-5	151
HE.6.Sti.SC.B1-6	7-1103634-1	66	HF-HIP-K.8.AG	0-1102836-2	176	HIP.24/64.SG.1.29.G	1-1102624-5	151
HE/HA-C-Bu.Ag.0,14-0,37mm²	6-1105101-1	37	HF-HIP-K.8.AG.N	0-1102837-2	176	HIP.24/64.SG.2.29.G	1-1102625-5	151
HE/HA-C-Bu.Ag.0,5 mm²	1-1105101-1	37	HF-HIP-K.8.STO.1.M50.G	0-1102839-4	176	HIP.24/64.SG.2.M40.G	0-1106472-1	151
HE/HA-C-Bu.Ag.0,75-1,0 mm²	2-1105101-1	37	HG-Q.10.Bu.C	0-1103091-1	55	HIP.24/64.STO.1.21.G	1-1102662-5	150
HE/HA-C-Bu.Ag.1,5 mm²	3-1105101-1	37	HG-Q.10.MC.1	0-1103092-1	58	HIP.24/64.STO.1.29.G	1-1102664-5	150
HE/HA-C-Bu.Ag.2,5 mm²	4-1105101-1	37	HG-Q.10.MC.2	0-1103092-2	58	HIP.24/64.STO.1.M40.G	0-1106473-1	150
HE/HA-C-Bu.Ag.4,0 mm²	5-1105101-1	37	HG-Q.10.MC.3	0-1103092-3	58	HIP.24/64.STS.1.21.G	1-1102658-5	150
HE/HA-C-Bu.Au.0,5 mm²	1-1105101-2	37	HG-Q.10.MC.4	0-1103092-4	58	HIP.24/64.STS.1.29.G	1-1102660-5	150
HE/HA-C-Bu.Au.0,75-1,0 mm²	2-1105101-2	37	HG-Q.10.MC.5	0-1103092-5	58	HIP.24/64.STS.1.M40.G	0-1106473-2	150
HE/HA-C-Bu.Au.1,5 mm²	3-1105101-2	37	HG-Q.10.MC.6	0-1103092-6	58	HIP.3/4.AG	1-1102603-5	53
HE/HA-C-Bu.Au.2,5 mm²	4-1105101-2	37	HG-Q.10.MC.7	0-1103092-7	58	HIP.3/4.SG.1.11.G	1-1102601-5	54
HE/HA-C-Bu.Au.4,0 mm²	5-1105101-2	37	HG-Q.10.Sti.C	0-1108808-1	55	HIP.3/4.SG.1.M16.G	0-1106407-1	54
HE/HA-C-Sti.Ag.0,14-0,37mm²	6-1105100-1	37	HG-Q.10-EMV.MC.1	0-1103092-8	58	HIP.3/4.SGF	1-1102602-5	53
HE/HA-C-Sti.Ag.0,5 mm²	1-1105100-1	37	HG-Q.10-EMV.MC.2	0-1103092-9	58	HIP.3/4.STO.1.11.G	1-1102600-5	53
HE/HA-C-Sti.Ag.0,75-1,0 mm²	2-1105100-1	37	HG-Q.10-EMV.MC.3	1-1103092-0	58	HIP.3/4.STO.1.M16.G	0-1106408-1	53
HE/HA-C-Sti.Ag.1,5 mm²	3-1105100-1	37	HG-Q.10-EMV.MC.4	1-1103092-1	58	HIP.6/16.AG	1-1102638-5	79
HE/HA-C-Sti.Ag.2,5 mm²	4-1105100-1	37	HG-Q.10-EMV.MC.5	1-1103092-2	58	HIP.6/16.AG.M6	1-1102606-5	79
HE/HA-C-Sti.Ag.4,0 mm²	5-1105100-1	37	HG-Q.10-EMV.MC.6	1-1103092-3	58	HIP.6/16.SG.1.16.G	1-1102604-5	80
HE/HA-C-Sti.Au.0,5 mm²	1-1105100-2	37	HG-Q.10-EMV.MC.7	1-1103092-4	58	HIP.6/16.SG.2.16.G	1-1102605-5	80
HE/HA-C-Sti.Au.0,75-1,0 mm²	2-1105100-2	37	HG-Q.4/2.Bu.C	0-1103096-1	55	HIP.6/16.SG.2.M32.G	0-1106424-1	80
HE/HA-C-Sti.Au.1,5 mm²	3-1105100-2	37	HG-Q.4/2.Sti.C	0-1103095-1	55	HIP.6/16.STO.1.16.G	1-1102635-5	79
HE/HA-C-Sti.Au.2,5 mm²	4-1105100-2	37	HG-Q.5.AG	0-1103171-1	51	HIP.6/16.STO.1.M32.G	0-1106425-1	79
HE/HA-C-Sti.Au.4,0 mm²	5-1105100-2	37	HG-Q.5.AG.BL	0-1103171-2	51	HIP.6/16.STS.1.16.G	1-1102631-5	79
HEE.10.Bu.C B1-10	0-1102919-1	67	HG-Q.5.AGW	0-1103172-1	52	HIP.6/16.STS.1.M25.G	0-1106425-2	79
HEE.10.Bu.C B1-10-FS	0-1102919-2	67	HG-Q.5.AGW.BL	0-1103172-2	52	HIP/EMV.10/24.SKB	3-1106202-5	99
HEE.10.Sti.C B1-10	0-1102918-1	67	HG-Q.5.DE	0-1103176-1	184	HIP/EMV.10/24.SKB	3-1106202-5	185
HEE.10.Sti.C B1-10-FS	0-1102918-2	67	HG-Q.5.DE.BL	0-1103176-2	184	HIP/EMV.16/40.SKB	3-1106203-5	126
HEE.18.Bu.C B1-18	0-1102898-1	82	HG-Q.5.KDO.1.M25	0-1103174-1	52	HIP/EMV.16/40.SKB	3-1106203-5	185
HEE.18.Bu.C B1-18-FS	0-1102898-2	82	HG-Q.5.KDO.1.M25.BL	0-1103174-2	52	HIP/EMV.24/64.SKB	3-1106204-5	151
HEE.18.Sti.C B1-18	0-1102897-1	82	HG-Q.5.SG.1.M25	0-1103173-1	52	HIP/EMV.24/64.SKB	3-1106204-5	185
HEE.18.Sti.C-FS	0-1102897-2	82	HG-Q.5.SG.1.M25.BL	0-1103173-2	52	HIP/EMV.3/4.SKB	3-1106200-5	54
HEE.32.Bu.C B1-32	0-1102896-1	107	HG-Q.5.STO.1.M25	0-1103169-1	51	HIP/EMV.6/16.SKB	3-1106201-5	80
HEE.32.Bu.C-FS	0-1102896-3	107	HG-Q.5.STO.1.M25.BL	0-1103169-2	51	HIP/EMV.6/16.SKB	3-1106201-5	185
HEE.32.Sti.C B1-32	0-1102895-1	107	HG-Q.5.STW.1.M25	0-1103170-1	51	HIP-K.10/24.AG	2-1102647-5	98
HEE.32.Sti.C B1-32-FS	0-1102895-3	107	HG-Q.5.STW.1.M25.BL	0-1103170-2	51	HIP-K.10/24.AG.M6	2-1102612-5	99
HEE.46.Bu.C B1-46	0-1102887-1	133	HG-Q.8.Bu.C	0-1103071-1	55	HIP-K.10/24.SG.1.21.G	5-1102610-5	99
HEE.46.Bu.C B1-46-FS	0-1102887-1	170	HG-Q.8.Sti.C	0-1103070-1	55	HIP-K.10/24.SG.2.21.G	2-1102611-5	99
HEE.46.Bu.C B1-46-FS	0-1102887-4	133	HG-Q.AG-LB	0-1103072-1	57	HIP-K.10/24.STO.1.16.G	2-1102644-5	98
HEE.46.Bu.C B47-92	0-1102887-2	170	HG-Q.Flanschdicht-L	0-1108794-2	59	HIP-K.10/24.STO.1.M25.G	0-1106436-3	98
HEE.46.Sti.C B1-46	0-1102886-1	133	HG-Q.KDO-LB.1.M25.Z	0-1108795-1	57	HIP-K.10/24.STO.1.M32.G	0-1106436-5	98
HEE.46.Sti.C B1-46-FS	0-1102886-1	170	HG-Q.KDS-LB.1.M25.Z	0-1108795-2	57	HIP-K.10/24.STS.1.21.G	2-1102642-5	98
HEE.46.Sti.C B1-46-FS	0-1102886-4	133	HG-Q.M25.10,5/7,0	0-1103074-4	59	HIP-K.10/24.STS.1.M25.G	0-1106436-4	98
HEE.46.Sti.C B47-92	0-1102886-2	170	HG-Q.M25.13,0/9,0	0-1103074-5	59	HIP-K.10/24.STS.1.M32.G	0-1106436-6	98
HE-K.4/8.Bu.S	0-1102677-1	137	HG-Q.M25.15,5/11,5	0-1103074-6	59	HIP-K.16/40.AG	2-1102656-5	125
HE-K.4/8.Sti.S	0-1102077-1	137	HG-Q.M25.6,5/4,0	0-1103074-1	59	HIP-K.16/40.AG.M6	2-1102618-5	125
HE-Q.5.Bu.C	0-1102194-1	46	HG-Q.M25.8,0/5,0	0-1103074-2	59	HIP-K.16/40.SG.1.21.G	5-1102616-5	126
HE-Q.5.Sti.C	0-1102195-1	46	HG-Q.M25.9,5/6,5	0-1103074-3	59	HIP-K.16/40.SG.2.21.G	2-1102617-5	126
HF.06.Bu	0-1110949-1	42	HG-Q.STO.1.M25.Z	0-1103073-2	56	HIP-K.16/40.SG.2.M32.G	0-1106443-1	126
HF.06.Sti	0-1110948-1	42	HG-Q.STS.1.M25.Z	0-1103073-1	56	HIP-K.16/40.STO.1.29.G	2-1102655-5	125
HF.06-CH-06 mm²-SW17	0-1110952-1	42	HG-Q.STS.2.M25.Z	0-1103155-1	56	HIP-K.16/40.STO.1.M32.G	0-1106444-1	125
HF.06-CH-10 mm²-SW17	0-1110952-2	42	HG-Q-EMV.AG-LB	0-1103072-2	57	HIP-K.16/40.STO.2.21.G	0-1108534-1	125
HF.06-CH-16 mm²-SW17	0-1110952-3	42	HG-Q-EMV.KDO-LB.1.M25.Z	0-1108795-3	57	HIP-K.16/40.STS.1.29.G	2-1102651-5	125
HF.06-CH-25 mm²-SW17	0-1110952-5	42	HG-Q-EMV.KDS-LB.1.M25.Z	0-1108795-4	57	HIP-K.16/40.STS.1.M32.G	0-1106444-2	125
HF.06-CH-35 mm²-SW17	0-1110952-7	42	HG-Q-EMV.KDS-LB.1.M25.Z	0-1108795-4	59	HIP-K.24/64.AG	2-1102665-5	151
HF.06-CH-50 mm²-SW17	0-1110952-9	42	HG-Q-EMV.STO.1.M25.Z	0-1103073-4	56	HIP-K.24/64.AG.M6	2-1102626-5	151
HF.06-CH-70 mm²-SW17	1-1110952-0	42	HG-Q-EMV.STS.1.M25.Z	0-1103073-3	56	HIP-K.24/64.AG.M6.D	2-1102628-5	151
HF.12.3+PE+Bg2/U	0-1110955-3	175	HG-Q-EMV.STS.2.M25.Z	0-1103155-2	56	HIP-K.24/64.SG.1.29.G	5-1102624-5	151
HF.12.3+PE+Bg2/U	0-1110955-1	175	HIP.10/24.AG	1-1102647-5	98	HIP-K.24/64.SG.2.29.G	2-1102625-5	151
HF.12.3+PE+Bg3/U	0-1110955-4	175	HIP.10/24.AG.M6	1-1102612-5	99	HIP-K.24/64.SG.2.M40.G	0-1106472-2	151
HF.12.3+PE+Bg3/U	0-1110955-2	175	HIP.10/24.SG.1.21.G	1-1102610-5	99	HIP-K.24/64.STO.1.29.G	2-1102664-5	150
HF.13-CH-105 mm²-SW27	0-1110953-8	42	HIP.10/24.SG.2.21.G	1-1102611-5	99	HIP-K.24/64.STO.1.M40.G	0-1106473-3	150
HF.13-CH-120 mm²-SW27	0-1110953-9	42	HIP.10/24.SG.2.M32.G	0-1106435-1	99	HIP-K.24/64.STO.2.M32.G	0-1102792-1	150
HF.13-CH-150 mm²-SW27	1-1110953-1	42	HIP.10/24.STO.1.16.G	1-1102644-5	98	HIP-K.24/64.STS.1.29.G	2-1102660-5	150
HF.13-CH-50 mm²-SW19	0-1110953-5	42	HIP.10/24.STO.1.21.G	1-1102646-5	98	HIP-K.24/64.STS.1.M40.G	0-1106473-4	150
HF.13-CH-70 mm²-SW19	0-1110953-6	42	HIP.10/24.STO.1.M32.G	0-1106436-1	98	HIP-K.3/4.AG	1-1102603-5	53
HF.13-CH-95 mm²-SW27	0-1110953-7	42	HIP.10/24.STS.1.16.G	1-1102640-5	98	HIP-K.3/4.SG.1.11.G	2-1102601-5	54
HF.8-2+1xBg1/U	0-1110960-2	175	HIP.10/24.STS.1.21.G	1-1102642-5	98	HIP-K.3/4.SG.1.M16.G	0-1106407-2	54
HF.8-2+1xBg1/U	0-1110960-1	175	HIP.10/24.STS.1.M25.G	0-1106436-2	98	HIP-K.3/4.SGF	2-1102602-5	53
HF.8-2+1xBg1/U-2	0-1110960-3	175	HIP.16/40.AG	1-1102656-5	125	HIP-K.3/4.STO.1.11.G	2-1102600-5	53
HF-EMVK.12.AG	0-1102192-1	176	HIP.16/40.AG.M6	1-1102618-5	125	HIP-K.3/4.STO.1.M16.G	0-1106408-2	53
HF-EMV-K.12.AG.N	0-1102838-1	176	HIP.16/40.SG.1.21.G	1-1102616-5	126	HIP-K.3/4.STO.1.M20.G	0-1106408-3	53
HF-EMVK.12.STO.2.M40.G+1.M20.G	0-1102840-1	176	HIP.16/40.SG.2.21.G	1-1102617-5	126	HIP-K.6/16.AG	2-1102638-5	79

Sortiert nach Bezeichnung/Sorted by description

Bestelltext	Best-Nr.	Seite	Bestelltext	Best-Nr.	Seite	Bestelltext	Best-Nr.	Seite
HIP-K.6/16.AG.M6	2-1102606-5	79	HN.D-C-Bu.Au.0,14-0,37	1-1105051-2	34	HUT.M40.P	4-1102771-0	190
HIP-K.6/16.SG.1.16.A	2-1102604-5	80	HN.D-C-Bu.Au.0,5	2-1105051-2	34	HUT.M50.MS	5-1102770-0	190
HIP-K.6/16.SG.2.16.G	2-1102605-5	80	HN.D-C-Bu.Au.0,75-1,0	3-1105051-2	34	HUT.M50.P	5-1102771-0	190
HIP-K.6/16.SG.2.M32.G	0-1106424-2	80	HN.D-C-Bu.Au.1,5	4-1105051-2	34	HVS-AIR.2.Bu	0-1103247-1	210
HIP-K.6/16.STO.1.16.G	2-1102635-5	79	HN.D-C-Bu.Au.2,5	5-1105051-2	34	HVS-AIR.2.Sti	0-1103246-1	210
HIP-K.6/16.STO.1.21.G	2-1102637-5	79	HN.D-C-Sti.Ag.0,14-0,37	1-1105050-1	34	HVS-BLD	0-1103266-1	211
HIP-K.6/16.STO.1.M25.G	0-1106425-6	79	HN.D-C-Sti.Au.0,5	2-1105050-2	34	HVS-HE.20.Bu.C	0-1103145-1	207
HIP-K.6/16.STO.1.M32.G	0-1106425-3	79	HN.D-C-Sti.Au.0,75-1,0	3-1105050-2	34	HVS-HE.20.Sti.C	0-1103144-1	207
HIP-K.6/16.STS.1.16.G	2-1102631-5	79	HN.D-C-Sti.Au.1,5	4-1105050-2	34	HVS-HE.5.Bu.SC	0-1103134-1	205
HIP-K.6/16.STS.1.21.G	2-1102633-5	79	HN.D-C-Sti.Au.2,5	5-1105050-2	34	HVS-HE.5.Sti.SC	0-1103133-1	205
HIP-K.6/16.STS.1.M25.G	0-1106425-4	79	HSB.6/35.Bu.S.B1-6	1-1104205-1	113	HVS-HE.6.Bu.C	0-1103245-1	206
HIP-K/EMV-K.10/24.SKB	4-1106202-5	99	HSB.6/35.Bu.S.B1-6	1-1104205-1	156	HVS-HE.6.Sti.C	0-1103244-1	206
HIP-K/EMV-K.10/24.SKB	4-1106202-5	185	HSB.6/35.Bu.S.B7-12	1-1104207-1	156	HVS-HE.8.Bu.C	0-1103141-1	206
HIP-K/EMV-K.16/40.SKB	4-1106203-5	126	HSB.6/35.Sti.S.B1-6	1-1104204-1	113	HVS-HE.8.Sti.C	0-1103140-1	206
HIP-K/EMV-K.16/40.SKB	4-1106203-5	185	HSB.6/35.Sti.S.B1-6	1-1104204-1	156	HVS-HND.12.Bu.C	0-1103276-1	207
HIP-K/EMV-K.24/64.SKB	4-1106204-5	151	HSB.6/35.Sti.S.B7-12	1-1104206-1	156	HVS-HND.12.Sti.C	0-1103277-1	207
HIP-K/EMV-K.24/64.SKB	4-1106204-5	185	HSK.6+36.Bu.C	0-1108762-1	111	HVS-HND.17.Bu.C	0-1103279-1	208
HIP-K/EMV-K.3/4.SKB	4-1106200-5	54	HSK.6+36.Sti.C	0-1108761-1	111	HVS-HND.17.Sti.C	0-1103278-1	208
HIP-K/EMV-K.6/16.SKB	4-1106201-5	80	HSK.Bu.C.1,5 mm ²	1-1108756-1	39	HVS-HSK.2.Bu.C	0-1103271-1	204
HIP-K/EMV-K.6/16.SKB	4-1106201-5	185	HSK.Bu.C.10,0 mm ²	5-1108756-1	39	HVS-HSK.2.Sti.C	0-1103270-1	204
HIP-KF.24/64.STS.1.29.G	1-1102622-5	150	HSK.Bu.C.2,5 mm ²	2-1108756-1	39	HVS-HSK.3.Bu.C	0-1103273-1	205
HIP-KF.24/64.STS.1.36.G	1-1102623-5	150	HSK.Bu.C.4,0 mm ²	3-1108756-1	39	HVS-HSK.3.Sti.C	0-1103272-1	205
HIP-KF.24/64.STS.1.M40.G	0-1106474-1	150	HSK.Bu.C.6,0 mm ²	4-1108756-1	39	HVS-HSS.2.Bu.C	0-1103274-1	204
HIP-KF/K.24/64.STS.1.29.G	2-1102622-5	150	HSK.RSZ.LC 0,75-2,5 mm ²	0-1102789-1	39	HVS-HSS.2.Sti.C	0-1103275-1	204
HIP-KF/K.24/64.STS.1.36.G	2-1102623-5	150	HSK.RSZ.LC 4-10 mm ²	0-1102790-1	39	HVS-MM.17.Bu.C	0-1103281-1	208
HIP-KF/K.24/64.STS.1.M40.G	0-1106474-2	150	HSK.Sti.C 1,5 mm ²	1-1108757-1	39	HVS-MM.17.Sti.C	0-1103280-1	208
HIP-K.I.24/64.AG.M6.D	0-1108533-1	151	HSK.Sti.C 10 mm ²	5-1108757-1	39	HVS-MVB.HND.4.Sti.C	0-1103251-1	210
HM.10-82/82	8-1108772-2	95	HSK.Sti.C 2,5 mm ²	2-1108757-1	39	HVS-MVB.S20DF.8.Sti.C	0-1103258-1	210
HM.10-85/85	8-1108772-5	95	HSK.Sti.C 4,0 mm ²	3-1108757-1	39	HVS-R.0.1-2	0-1103250-7	72
HM.10-90/90	8-1108772-0	95	HSK.Sti.C 6,0 mm ²	4-1108757-1	39	HVS-R.0.1-2	0-1103250-7	201
HM.10-94/94	8-1108772-4	95	HSM.Bu.C.AG.0,75 mm ²	1-1105251-1	40	HVS-R.0.1-2	0-1103250-7	211
HM.10-98/98	8-1108772-8	95	HSM.Bu.C.AG.1,5 mm ²	2-1105251-1	40	HVS-R.0.1-3	0-1103250-5	86
HMX.4/0.Bu.S	0-1104700-1	113	HSM.Bu.C.AG.10 mm ²	6-1105251-1	40	HVS-R.0.1-3	0-1103250-5	211
HMX.4/0.Sti.S	0-1104701-1	113	HSM.Bu.C.AG.2,5 mm ²	3-1105251-1	40	HVS-R.0.1-4	0-1103250-3	114
HMX.4/2.Bu.S	0-1102076-1	113	HSM.Bu.C.AG.4 mm ²	4-1105251-1	40	HVS-R.0.1-4	0-1103250-3	212
HMX.4/2.Sti.S	0-1102075-1	113	HSM.Bu.C.AG.6 mm ²	5-1105251-1	40	HVS-R.0.1-6	0-1103250-1	138
HN.2D.108.Bu.C.B109-216	2-1103221-3	169	HSM.Sti.C.AG.0,75 mm ²	1-1105250-1	40	HVS-R.0.1-6	0-1103250-1	212
HN.2D.108.Bu.C.B1-108	2-1103220-3	135	HSM.Sti.C.AG.1,5 mm ²	2-1105250-1	40	HVS-R.U.1-2	0-1103250-8	159
HN.2D.108.Bu.C.B1-108	2-1103220-3	169	HSM.Sti.C.AG.10 mm ²	6-1105250-1	40	HVS-R.U.1-2	0-1103250-8	201
HN.2D.108.Sti.C.B109-216	2-1103217-3	169	HSM.Sti.C.AG.2,5 mm ²	3-1105250-1	40	HVS-R.U.1-2	0-1103250-8	211
HN.2D.108.Sti.C.B1-108	2-1103216-3	135	HSM.Sti.C.AG.4 mm ²	4-1105250-1	40	HVS-R.U.1-3	0-1103250-6	159
HN.2D.108.Sti.C.B1-108	2-1103216-3	169	HSM.Sti.C.AG.6 mm ²	5-1105250-1	40	HVS-R.U.1-3	0-1103250-6	211
HN.2D.24.Bu.C	2-1103202-3	70	HSS.8/2.Bu.C	2-1104202-3	137	HVS-R.U.1-4	0-1103250-4	171
HN.2D.24.Sti.C	2-1103200-3	70	HSS.8/2.Sti.C	2-1104200-3	137	HVS-R.U.1-4	0-1103250-4	212
HN.2D.42.Bu.C	2-1103206-3	85	HSS-C-Bu.AG.10 mm ²	4-1105151-1	41	HVS-R.U.1-6	0-1103250-2	171
HN.2D.42.Sti.C	2-1103204-3	85	HSS-C-Bu.AG.16 mm ²	5-1105151-1	41	HVS-R.U.1-6	0-1103250-2	212
HN.2D.72.Bu.C.B1-72	2-1103212-3	109	HSS-C-Bu.AG.6 mm ²	3-1105151-1	41	HVS-S20DF.25.Bu.C	0-1103261-1	209
HN.2D.72.Bu.C.B1-72	2-1103212-3	157	HSS-C-Bu.AU.6 mm ²	3-1105151-2	41	HVS-S20DF.25.Sti.C	0-1103260-1	209
HN.2D.72.Bu.C.B73-144	2-1103213-3	157	HSS-C-Bu.AU.10 mm ²	4-1105151-2	41	HVS-TX.2.Bu	0-1103269-1	209
HN.2D.72.Sti.C.B1-72	2-1103208-3	109	HSS-C-Bu.AU.16 mm ²	5-1105151-2	41	HVS-TX.2.Sti	0-1103267-1	209
HN.2D.72.Sti.C.B1-72	2-1103208-3	157	HSS-C-Sti.AG.10 mm ²	4-1105150-1	41	HVS-TX.HN.D.4.Bu.C	0-1103286-1	209
HN.2D.72.Sti.C.B73-144	2-1103209-3	157	HSS-C-Sti.AG.16 mm ²	5-1105150-1	41	HVS-TX.HN.D.4.Sti.C	0-1103283-1	209
HN.D.15.Bu.C	2-1103107-3	61	HSS-C-Sti.AG.6 mm ²	3-1105150-1	41	HVS-TX.S20DF.8.Bu.C	0-1103297-1	209
HN.D.15.Sti.C B1-15	2-1103106-3	61	HSS-C-Sti.AU.10 mm ²	4-1105150-2	41	HVS-TX.S20DF.8.Sti.C	0-1103291-1	209
HN.D.25.Bu.C	2-1103109-3	101	HSS-C-Sti.AU.16 mm ²	5-1105150-2	41	HVT.14.Bu.C	2-1104006-3	83
HN.D.25.Bu.C	2-1103109-3	128	HSS-C-Sti.AU.6 mm ²	3-1105150-2	41	HVT.14.Sti.C	2-1104004-3	83
HN.D.25.Bu.C B1-25/Z	0-1103109-1	101	HSS-CSZ.2,5-70 mm ²	1-1105653-8	41	HVT.23.Bu.C	2-1104010-3	108
HN.D.25.Bu.C B1-25/Z	0-1103109-1	128	HSS-CSZ.2,5-70 mm ²	1-1105653-8	42	HVT.23.Sti.C	2-1104008-3	108
HN.D.25.Sti.C B1-25	2-1103108-3	101	HUT.11.MS	1-1106006-9	190	HVT.35.Bu.C	2-1104014-3	134
HN.D.25.Sti.C B1-25	2-1103108-3	128	HUT.11.P-GRAU	1-1106005-7	190	HVT.35.Sti.C	2-1104012-3	134
HN.D.25.Sti.C B1-25/Z	0-1103108-1	101	HUT.13.MS	2-1106006-9	190	HVT.48.Bu.C	2-1104018-3	134
HN.D.25.Sti.C B1-25/Z	0-1103108-1	128	HUT.13.P-GRAU	2-1106005-7	190	HVT.48.Sti.C	2-1104016-3	134
HN.D.40.Bu.C	2-1103111-3	109	HUT.16.MS	3-1106006-9	190	HVT.8.Bu.C	2-1104002-3	68
HN.D.40.Bu.C	2-1103111-3	157	HUT.16.P-GRAU	3-1106005-7	190	HVT.8.Sti.C	2-1104000-3	68
HN.D.40.Sti.C	2-1103110-3	109	HUT.21.MS	4-1106006-9	190	HVT-C-Bu.Ag.0,13-0,4 mm ²	6-1105301-1	38
HN.D.40.Sti.C	2-1103110-3	157	HUT.21.P-GRAU	4-1106005-7	190	HVT-C-Bu.Ag.0,5 mm ²	1-1105301-1	38
HN.D.64.Bu.C	2-1103113-3	135	HUT.29.MS	5-1106006-9	190	HVT-C-Bu.Ag.0,75-1,0 mm ²	2-1105301-1	38
HN.D.64.Bu.C	2-1103113-3	169	HUT.29.P-GRAU	5-1106005-7	190	HVT-C-Bu.Ag.1,5 mm ²	3-1105301-1	38
HN.D.64.Sti.C	2-1103112-3	135	HUT.36.MS	6-1106006-9	190	HVT-C-Bu.Ag.2,5 mm ²	4-1105301-1	38
HN.D.64.Sti.C	2-1103112-3	169	HUT.36.P-GRAU	6-1106005-7	190	HVT-C-Bu.Ag.4,0 mm ²	5-1105301-1	38
HN.D.7.Bu.C	2-1103103-3	47	HUT.42.MS	7-1106006-9	190	HVT-C-Bu.Au.0,13-0,4 mm ²	6-1105301-2	38
HN.D.7.Bu.C/250V	2-1103101-3	47	HUT.42.P-GRAU	7-1106005-7	190	HVT-C-Bu.Au.0,5 mm ²	1-1105301-2	38
HN.D.7.Sti.C	2-1103102-3	47	HUT.M16.MS	1-1102770-6	190	HVT-C-Bu.Au.0,75-1,0 mm ²	2-1105301-2	38
HN.D.7.Sti.C/250V	2-1103100-3	47	HUT.M16.P	1-1102771-6	190	HVT-C-Bu.Au.1,5 mm ²	3-1105301-2	38
HN.D.8.Bu.C	2-1103105-3	47	HUT.M20.MS	2-1102770-0	190	HVT-C-Bu.Au.2,5 mm ²	4-1105301-2	38
HN.D.8.Sti.C	2-1103104-3	47	HUT.M20.P	2-1102771-0	190	HVT-C-Bu.Au.4,0 mm ²	5-1105301-2	38
HN.D-C-Bu.Ag.0,14-0,37	1-1105051-1	34	HUT.M25.MS	2-1102770-5	190	HVT-C-Sti.Ag.0,13-0,4 mm ²	6-1105300-1	38
HN.D-C-Bu.Ag.0,5	2-1105051-1	34	HUT.M25.P	2-1102771-5	190	HVT-C-Sti.Ag.0,5 mm ²	1-1105300-1	38
HN.D-C-Bu.Ag.0,75-1,0	3-1105051-1	34	HUT.M32.MS	3-1102770-2	190	HVT-C-Sti.Ag.0,75-1,0 mm ²	2-1105300-1	38
HN.D-C-Bu.Ag.1,5	4-1105051-1	34	HUT.M32.P	3-1102771-2	190	HVT-C-Sti.Ag.1,5 mm ²	3-1105300-1	38
HN.D-C-Bu.Ag.2,5	5-1105051-1	34	HUT.M40.MS	4-1102770-0	190	HVT-C-Sti.Ag.2,5 mm ²	4-1105300-1	38

Sortiert nach Bezeichnung/Sorted by description

Bestelltext	Best-Nr.	Seite	Bestelltext	Best-Nr.	Seite	Bestelltext	Best-Nr.	Seite
HVT-C-Sti.Ag.4,0 mm ²	5-1105300-1	38	MDL2-GR.U-8.B5-8	0-1108780-7	171	Schellenset 8 mm	5-1106302-9	213
HVT-C-Sti.Au.0,13-0,4 mm ²	6-1105300-2	38	MDL2-GR.U-8.B5-8	0-1108780-7	203	Schellenset 9 mm	6-1106302-9	183
HVT-C-Sti.0,5 mm ²	1-1105300-2	38	MDL-SBS.BG3	2-1106310-9	213	Schellenset 9 mm	6-1106302-9	213
HVT-C-Sti.Au.0,75-1,0 mm ²	2-1105300-2	38	MDL-SBS.BG4	2-1106311-9	213	Schirmschiene gerade	0-1110505-1	182
HVT-C-Sti.Au.1,5 mm ²	3-1105300-2	38	MDL-SBS.BG6	2-1106312-9	213	SDE SAHT 28-24 DYN D-3S	91565-1	33
HVT-C-Sti.Au.2,5 mm ²	4-1105300-2	38	MDL-SBS.BG8	2-1106313-9	213	SDE SAHT 16-14 DYN D-ZL	91560-1	33
HVT-C-Sti.Au.4,0 mm ²	5-1105300-2	38	MJ Plug Cat 5e	5-569550-4	199	SDE SAHT 20-16 DYN D-3L	91558-1	33
INS.-EXTR. TOOL	726363-1	32	O-RING.PG11.SCHW	1-1106053-1	193	SDE SAHT 20-16 DYNAMIC D5-SS	91596-1	33
INSERT/EXTRACT TOOL ASSEMBLY	91285-1	32	O-RING.PG11.VITON	1-1106053-2	193	SDE SAHT 22-18 DYNAMIC D2-M	91595-1	33
IP65-Dichtset M3x6+PD	0-1103028-2	189	O-RING.PG13.SCHW	2-1106053-1	193	SDE SAHT 24-20 DYN D-3M	91559-1	33
IP65-Dichtset M3x8	0-1103028-1	189	O-RING.PG13.VITON	2-1106053-2	193	SDE SAHT 28-24 D-2S DYNAMIC	91576-1	33
KX.VT.Bu.0,8/3,5/6,1	0-1108601-1	43	O-RING.PG16.SCHW	3-1106053-1	193	SET CZ-HF.60.M	0-1110956-7	42
KX.VT.Bu.1,4/6,3/10,0	0-1108629-1	43	O-RING.PG21.SCHW	4-1106053-1	193	SET-Erdungsband 120 mm	2-1106303-9	183
KX.VT.Bu.3,0/7,3/10,8	0-1108617-1	43	O-RING.PG29.SCHW	5-1106053-1	193	SET-Erdungsband 120 mm	2-1106303-9	213
KX.VT.Sti.0,8/3,5/6,1	0-1108600-1	43	O-RING.PG29.VITON	5-1106053-2	193	SET-Erdungsband 220 mm	3-1106303-9	183
KX.VT.Sti.1,4/6,3/10,0	0-1108628-1	43	O-RING.PG36.SCHW	6-1106053-1	193	SET-Erdungsband 220 mm	3-1106303-9	213
KX.VT.Sti.3,0/7,3/10,8	0-1108616-1	43	O-RING.PG42.SCHW	7-1106053-1	193	SET-Erdungsband 90 mm	1-1106303-9	183
KX.VT-AWZG	1-1105752-8	43	O-RING.PG42.VITON	7-1106053-2	193	SET-Erdungsband 90 mm	1-1106303-9	213
KX-AWZG	0-0305183-8	43	Pin Dia 2,5 (Sn) 0,2-0,4 mm ² Loose piece	962966-1	36	SET-HF.13/16-13.Bu	0-1110951-2	175
KX-RG.58.Bu	1-1105351-1	43	Pin Dia 2,5 (Sn) 0,2-0,4 mm ² Strip Form	929962-1	36	SET-HF.13/16-13.Sti	0-1110950-2	175
KX-RG.58.Sti	1-1105350-1	43	Pin Dia 2,5 (Sn) 0,5-1,0 mm ² Loose piece	962967-1	36	SET-HFE-13.Bu	0-1110951-4	175
KX-RG.59.Bu	2-1105351-1	43	Pin Dia 2,5 (Sn) 0,5-1,0 mm ² Strip Form	929963-1	36	SET-HFE-13.Sti	0-1110950-4	175
KX-RG.59.Sti	2-1105350-1	43	Pin Dia 2,5 (Sn) 1,0-2,5 mm ² Strip Form	929964-1	36	SET-Schrauben	1-1106304-9	183
LWL-Zentrierhülse	0-1102921-1	44	Pin Dia 2,5 (Sn) 1,0-2,5 mm ² Loose piece	962968-1	36	SET-Schrauben	1-1106304-9	213
MDL.E.TWIN.Bu	0-1108786-1	198	Pin Dia 2,5 (Sn) 2,5-4,0 mm ² Loose piece	962969-1	36	Sich-Stift.HVG.C	0-1110984-4	59
MDL.E.TWIN.Sti	0-1108785-1	198	Pin Dia 2,5 (Sn) 2,5-4,0 mm ² Strip Form	929965-1	36	SKP.6	0-1110684-3	185
MDL.HFE.C-6mm	0-1110957-1	200	Pin S 20 DF 0,08-0,2 AG Loose piece	1-66507-0	32	SKP.6.F	0-1106258-3	185
MDL.2.2+2.Bu.C	0-1103019-2	194	Pin S 20 DF 0,08-0,2 AG Strip Form	66507-4	32	SKP.6/R	0-1110684-4	185
MDL.2.2+2.Sti.C	0-1103019-1	194	Pin S 20 DF 0,08-0,2 Loose piece	66507-9	32	SKP.6/R.F	0-1106259-3	185
MDL.2.3+4.Bu.C	0-1103018-2	195	Pin S 20 DF 0,08-0,2 Strip Form	66507-3	32	SKP.8	0-1110661-3	185
MDL.2.3+4.Sti.C	0-1103018-1	195	Pin S 20 DF 0,2-0,6 AG Loose piece	1-66506-0	32	SKP.8.F	0-1106258-4	185
MDL.2.45.JACK.2	0-1108812-2	199	Pin S 20 DF 0,2-0,6 AG Strip Form	66506-4	32	SKP.8/R	0-1110661-4	185
MDL.2.45.JACK.5e	0-1108812-1	199	Pin S 20 DF 0,2-0,6 Loose piece	66506-9	32	SKP.8/R.F	0-1106259-4	185
MDL.2.45.PLUG	0-1108813-1	199	Pin S 20 DF 0,2-0,6 Strip Form	66506-3	32	Socket Dia 2,5 (Sn) 0,2-0,4 mm ² Loose	962976-1	36
MDL.2.8.Bu.C	0-1103015-2	195	QUICK-IN-QM	0-1106516-1	178	Socket Dia 2,5 (Sn) 0,2-0,4 mm ² Strip Form	929969-1	36
MDL.2.8.Sti.C	0-1103015-1	195	QUICK-IN-QSB	0-1106515-1	178	Socket Dia 2,5 (Sn) 0,5-1,0 mm ² Loose	962977-1	36
MDL.2.AIR.Bu	0-1103025-2	200	REDU.13/09.MS.8	8-1106062-6	192	Socket Dia 2,5 (Sn) 0,5-1,0 mm ² Strip Form	929970-1	36
MDL.2.AIR.Sti	0-1103025-1	200	REDU.13/11.MS.8	2-1106062-6	192	Socket Dia 2,5 (Sn) 1,0-2,5 mm ² Strip Form	929971-1	36
MDL.2.Blindmodul	0-1103014-1	200	REDU.16/11.MS.8	9-1106062-6	192	Socket Dia 2,5 (Sn) 1,0-2,5 mm ² Loose	962978-1	36
MDL.2.HD.18.Bu.C	0-1103016-2	196	REDU.16/13.MS.8	3-1106062-6	192	Socket Dia 2,5 (Sn) 2,5-4,0 mm ² Loose	962979-1	36
MDL.2.HD.18.Sti.C	0-1103016-1	196	REDU.21/13.MS.8	0-1106062-6	192	Socket Dia 2,5 (Sn) 2,5-4,0 mm ² Strip Form	929972-1	36
MDL.2.HN.D.1+2.Bu.C	0-1103024-2	194	REDU.21/16.MS.8	4-1106062-6	192	Socket S 20 DF 0,08-0,2 AG Loose piece	1-66505-0	32
MDL.2.HN.D.1+2.Sti.C	0-1103024-1	194	REDU.29/16.MS.8	0-1106062-7	192	Socket S 20 DF 0,08-0,2 AG Strip Form	66505-4	32
MDL.2.HN.D.15.Bu.C	0-1103017-2	196	REDU.29/21.MS.8	5-1106062-6	192	Socket S 20 DF 0,08-0,2 Loose piece	66505-9	32
MDL.2.HN.D.15.Sti.C	0-1103017-1	196	REDU.36/21.MS.8	1-1106062-7	192	Socket S 20 DF 0,08-0,2 Strip Form	66505-3	32
MDL.2.HN.D.18.Bu.C	0-1103076-2	196	REDU.36/29.MS.8	6-1106062-6	192	Socket S 20 DF 0,2-0,6 AG Loose piece	1-66504-0	32
MDL.2.HN.D.18.Sti.C	0-1103076-1	196	RS-M3	1-1106107-1	179	Socket S 20 DF 0,2-0,6 AG Strip Form	66504-4	32
MDL.2.KX.Bu	0-1103021-2	198	RSZ.BAS	1-1105850-8	34	Socket S 20 DF 0,2-0,6 Loose piece	66504-9	32
MDL.2.KX.Sti	0-1103021-1	198	RSZ.BAS	1-1105850-8	35	Socket S 20 DF 0,2-0,6 Strip Form	66504-3	32
MDL.2.TX.4.5,4.Bu.C	0-1103023-2	198	RSZ.BAS	1-1105850-8	37	SPB-M3	1-1106100-1	180
MDL.2.TX.4.5,4.Sti.C	0-1103023-1	198	RSZ.BAS	1-1105850-8	38	S-Schelle groß	0-1102081-1	182
MDL.2.TX.4.8,5.Bu.C	0-1103022-2	198	RSZ.BAS	1-1105850-8	39	S-Schelle klein	0-1102082-1	182
MDL.2.TX.4.8,5.Sti.C	0-1103022-1	198	RSZ.BAS	1-1105850-8	40	STR ACT DAHT MIN COAXICON	0-0045740-2	43
MDL.2.VT-KX.Bu	0-1103020-2	199	RSZ.BAS	1-1105850-8	41	TDS.11.M	1-1106001-9	189
MDL.2.VT-KX.Sti	0-1103020-1	199	RSZ.HE/HA-LC 0,14-4 mm ²	1-1105852-8	34	TDS.13.M	2-1106001-9	189
MDL2-GR.0/U-3	0-1108784-1	72	RSZ.HE/HA-LC 0,14-4 mm ²	1-1105852-8	37	TDS.16.M	3-1106001-9	189
MDL2-GR.0/U-3	0-1108784-1	201	RSZ.HE/HA-LC 0,14-4 mm ²	1-1105852-8	38	TDS.21.M	4-1106001-9	189
MDL2-GR.0-4.B1-2	0-1108783-1	86	RSZ.HE-HN.D-HVT	1-1105851-8	34	TDS.29.M	5-1106001-9	189
MDL2-GR.0-6.B1-3	0-1108782-1	114	RSZ.HE-HN.D-HVT	1-1105851-8	37	TDS.36.M	6-1106001-9	189
MDL2-GR.0-6.B1-3	0-1108782-1	159	RSZ.HE-HN.D-HVT	1-1105851-8	38	TDS.42.M	7-1106001-9	189
MDL2-GR.0-6.B1-3	0-1108782-1	202	RSZ.HSM-LC 0,14+2,5 mm ²	1-1105870-8	40	THURRED HEAD TYCO	523168-5	34
MDL2-GR.0-6.B1-3	0-1108782-1	203	RSZ.HSM-LC 4+10 mm ²	2-1105870-8	40	Turnet	523168-5	38
MDL2-GR.0-6.B4-6	0-1108782-4	159	RSZ.HSS-LC 10+16 mm ²	2-1105652-8	41	Turnet	523168-6	37
MDL2-GR.0-6.B4-6	0-1108782-4	203	RSZ.HSS-LC 6+25 mm ²	1-1105652-8	41	Turnet	523168-7	39
MDL2-GR.0-8.B1-4	0-1108780-1	138	SAHT W/OUT DIES	69710-1	43	UPM	1-1102975-9	177
MDL2-GR.0-8.B1-4	0-1108780-1	171	SB.BG.3.SET	1-1106305-9	181	„Ü-PG.11-NPT3/8“ „	1-1106066-8	192
MDL2-GR.0-8.B1-4	0-1108780-1	202	SB.BG.4.SET	1-1106306-9	181	„Ü-PG.13-NPT1/2“ „	2-1106066-8	192
MDL2-GR.0-8.B1-4	0-1108780-1	203	SB.BG.6.SET	1-1106307-9	181	„Ü-PG.16-NPT1/2“ „	3-1106066-8	192
MDL2-GR.0-8.B5-8	0-1108780-6	171	SB.BG.8.SET	1-1106308-9	181	„Ü-PG.21-NPT3/4“ „	4-1106066-8	192
MDL2-GR.0-8.B5-8	0-1108780-6	203	SB.HSS.BG.8	1-1106309-9	181	„Ü-PG.36-NPT1.1/4“ „	6-1106066-8	192
MDL2-GR.U-4.B1-2	0-1108783-2	86	Schellenset 10 mm	7-1106302-9	183	ZE-HSB	0-1108723-1	178
MDL2-GR.U-6.B1-3	0-1108782-2	114	Schellenset 10 mm	7-1106302-9	213	ZW.ST.11.SKT-MS	1-1106057-4	191
MDL2-GR.U-6.B1-3	0-1108782-2	159	Schellenset 4,5 mm	1-1106302-9	183	ZW.ST.13.SKT-MS	2-1106057-4	191
MDL2-GR.U-6.B1-3	0-1108782-2	202	Schellenset 4,5 mm	1-1106302-9	213	ZW.ST.16.SKT-MS	3-1106057-4	191
MDL2-GR.U-6.B1-3	0-1108782-2	203	Schellenset 5 mm	2-1106302-9	183	ZW.ST.21.SKT-MS	4-1106057-4	191
MDL2-GR.U-6.B4-6	0-1108782-5	159	Schellenset 5 mm	2-1106302-9	213	ZW.ST.29.SKT-MS	5-1106057-4	191
MDL2-GR.U-6.B4-6	0-1108782-5	203	Schellenset 6 mm	3-1106302-9	183	ZW.ST.36.SKT-MS	6-1106057-4	191
MDL2-GR.U-8.B1-4	0-1108780-2	138	Schellenset 6 mm	3-1106302-9	213	ZW.ST.42.SKT-MS	7-1106057-4	191
MDL2-GR.U-8.B1-4	0-1108780-2	171	Schellenset 7 mm	4-1106302-9	183			
MDL2-GR.U-8.B1-4	0-1108780-2	202	Schellenset 7 mm	4-1106302-9	213			
MDL2-GR.U-8.B1-4	0-1108780-2	203	Schellenset 8 mm	5-1106302-9	183			

Crossreferenz HTS – Tyco

HTS PN	Tyco PN	Seite	HTS PN	Tyco PN	Seite	HTS PN	Tyco PN	Seite	HTS PN	Tyco PN	Seite
32000002	1-1102975-9	177	41634881	1-1102179-2	154	42612480	1-1102343-6	143	43122433	2-1103640-9	168
33000002	1-1102978-9	177	41634897	1-1102181-2	154	42612496	1-1102345-6	143	43122441	2-1103640-3	168
41000041	1-1106100-1	180	41681000	2-1106206-7	184	42613281	1-1102362-6	162	43123541	2-1104012-3	134
41100300	1-1103400-1	45	41681600	2-1106208-7	184	42613297	1-1102364-6	162	43124841	2-1104016-3	134
41100400	1-1103402-1	45	41681600	2-1106208-7	184	42620679	1-1102253-2	75	43150019	1-1105100-1	37
41101000	1-1103414-1	60	41700377	1-1102112-2	50	42620695	1-1102255-2	75	43150020	2-1105100-1	37
41101600	1-1103416-1	100	41721069	1-1102133-2	65	42624881	1-1107001-2	173	43150021	3-1105100-1	37
41101600	1-1103416-1	152	41721669	1-1102152-2	105	42624882	1-1107005-2	173	43150022	4-1105100-1	37
41101600	1-1103416-1	166	42100662	1-1104204-1	113	42624897	1-1107003-2	173	43150023	5-1105100-1	37
41101627	1-1103416-7	152	42100662	1-1104204-1	156	42624898	1-1107007-2	173	43220018	6-1105301-1	38
41101627	1-1103416-7	166	42100663	1-1104206-1	156	42631079	1-1102274-2	93	43220019	1-1105301-1	38
41101628	1-1103416-8	152	42200662	1-1104205-1	113	42631095	1-1102276-2	93	43220020	2-1105301-1	38
41101628	1-1103416-8	166	42200662	1-1104205-1	156	42631680	1-1102299-2	121	43220021	3-1105301-1	38
41101629	1-1103416-9	166	42200663	1-1104207-1	156	42631696	1-1102301-2	121	43220022	4-1105301-1	38
41121040	2-1103414-3	60	42300669	1-1102243-7	73	42632480	1-1102331-2	146	43220023	5-1105301-1	38
41121627	2-1103416-7	152	42301069	1-1102267-6	87	42632496	1-1102333-2	146	43220640	1-1103635-1	66
41121627	2-1103416-7	166	42301070	1-1102270-6	87	42634881	1-1102391-2	173	43220641	2-1103635-3	66
41121640	2-1103416-3	100	42301670	1-1102295-6	115	42634882	1-1102395-2	173	43220841	2-1104002-3	68
41121640	2-1103416-3	152	42302470	1-1102325-6	140	42634897	1-1102393-2	173	43221040	1-1103637-1	81
41121640	2-1103416-3	166	42302471	1-1102328-6	140	42634898	1-1102397-2	173	43221041	2-1103637-3	81
41200300	1-1103401-1	45	42303271	1-1102351-6	160	42641079	1-1102286-2	94	43221441	2-1104006-3	83
41200400	1-1103403-1	45	42304871	1-1102382-7	172	42641095	1-1102288-2	94	43221626	1-1103639-1	155
41201000	1-1103415-1	60	42304872	1-1102385-7	172	42641680	1-1102308-2	122	43221631	2-1103639-9	155
41201600	1-1103417-1	100	42304873	1-1102388-7	172	42641696	1-1102310-2	122	43221641	2-1103639-3	106
41201600	1-1103417-1	152	42320669	1-1102240-7	73	42642480	1-1102343-2	146	43221642	2-1103639-3	155
41201600	1-1103417-1	166	42321069	1-1102261-6	87	42642496	1-1102345-2	146	43222341	2-1104010-3	108
41201627	1-1103417-7	152	42321070	1-1102264-6	87	42643281	1-1102362-2	164	43222433	2-1103641-9	168
41201627	1-1103417-7	166	42321670	1-1102292-6	115	42700669	1-1102258-2	76	43222440	1-1103641-1	168
41201628	1-1103417-8	152	42322470	1-1102316-6	139	42701069	1-1102279-1	89	43222441	2-1103641-3	168
41201628	1-1103417-8	166	42322471	1-1102319-6	139	42701070	1-1102282-1	89	43223541	2-1104014-3	134
41201629	1-1103417-9	166	42323271	1-1102348-6	160	42701670	1-1102304-1	117	43224841	2-1104018-3	134
41201629	1-1103417-9	166	42324871	1-1102373-7	172	42702470	1-1102336-1	141	43250019	1-1105101-1	37
41221040	2-1103415-3	60	42324872	1-1102376-7	172	42702471	1-1102339-1	141	43250020	2-1105101-1	37
41221627	2-1103417-7	152	42324873	1-1102379-7	172	42703271	1-1102359-1	161	43250021	3-1105101-1	37
41221627	2-1103417-7	166	42331005	0-1108713-1	79	42721069	1-1102279-2	94	43250022	4-1105101-1	37
41221640	2-1103417-3	100	42351670	1-1102295-1	118	42721070	1-1102282-2	94	43250023	5-1105101-1	37
41300377	1-1102101-7	49	42352470	1-1102325-1	142	42721670	1-1102304-2	122	43990400	1-1105850-8	34
41301069	1-1102120-7	63	42352471	1-1102328-1	142	42722470	1-1102336-2	147	43990400	1-1105850-8	35
41301669	1-1102139-7	103	42361069	1-1102267-1	90	42722471	1-1102339-2	147	43990400	1-1105850-8	37
41303270	1-1102158-6	130	42371069	1-1102261-1	90	42800669	1-1102240-3	77	43990400	1-1105850-8	38
41304871	1-1102175-7	153	42371670	1-1102292-1	118	42801069	1-1102261-3	96	43990400	1-1105850-8	39
41306471	1-1102027-7	167	42372470	1-1102316-1	142	42801670	1-1102292-3	123	43990400	1-1105850-8	40
41306472	1-1102030-7	167	42372471	1-1102319-1	142	42802470	1-1102316-3	148	43990400	1-1105850-8	41
41306473	1-1102033-7	167	42373271	1-1102348-1	162	42802471	1-1102319-3	148	43990410	1-1105851-8	34
41321069	1-1102117-7	63	42401069	1-1102267-7	92	42803271	1-1102348-3	165	43990410	1-1105851-8	37
41321669	1-1102136-7	103	42401670	1-1102295-7	120	42850600	1-1102244-8	77	43990410	1-1105851-8	38
41323270	1-1102155-6	130	42402470	1-1102325-7	145	42851000	1-1102271-8	96	43990412	1-1105652-8	41
41324871	1-1102172-7	153	42402471	1-1102328-7	145	42851600	1-1102296-8	123	43990413	2-1105652-8	41
41326471	1-1102002-7	167	42403271	1-1102351-7	163	42852400	1-1102291-8	149	43990414	1-1105852-8	34
41326472	1-1102005-7	167	42421069	1-1102261-7	92	42853200	1-1102352-8	165	43990414	1-1105852-8	37
41326473	1-1102008-7	167	42421670	1-1102292-7	120	42860679	1-1102249-8	78	43990414	1-1105852-8	38
41330377	1-1102103-7	49	42422470	1-1102316-7	144	42860695	1-1102251-8	78	47000011	1-1106001-9	189
41353270	1-1102158-1	131	42422471	1-1102319-7	144	42861079	1-1102274-8	97	47000013	2-1106001-9	189
41373270	1-1102155-1	131	42423271	1-1102348-7	163	42861095	1-1102276-8	97	47000016	3-1106001-9	189
41500300	1-1102105-2	49	42500600	1-1102244-2	74	42861680	1-1102299-8	124	47000021	4-1106001-9	189
41501000	1-1102121-2	64	42501000	1-1102271-1	88	42861696	1-1102301-8	124	47000029	5-1106001-9	189
41501600	1-1102140-2	104	42501600	1-1102296-1	116	42862480	1-1102331-8	149	47000036	6-1106001-9	189
41503200	1-1102160-1	130	42502400	1-1102291-1	140	42862496	1-1102333-8	149	47000042	7-1106001-9	189
41513200	1-1102165-1	131	42503200	1-1102352-1	160	42863281	1-1102354-8	165	47001113	1-1106058-5	192
41520300	1-1102106-2	49	42511000	1-1102283-6	91	42863297	1-1102356-8	165	47001116	7-1106058-5	192
41521000	1-1102122-2	64	42511600	1-1102305-6	119	42900669	1-1102205-3	77	47001312	2-1106058-5	192
41521600	1-1102141-2	104	42512400	1-1102340-6	143	42901080	1-1102211-3	96	47001321	8-1106058-5	192
41524800	1-1102177-2	153	42513200	1-1102360-6	162	42901670	1-1102220-3	123	47001621	3-1106058-5	192
41526400	1-1102009-2	167	42520600	1-1102246-2	74	42902470	1-1102229-3	148	47002129	4-1106058-5	192
41534800	1-1102176-2	153	42524800	1-1102389-2	173	42902471	1-1102232-3	148	47002936	5-1106058-5	192
41550300	1-1102107-2	49	42531000	1-1102271-2	93	42911069	1-1102211-6	87	47010011	1-1106066-8	192
41550367	1-1102110-2	50	42531600	1-1102296-2	121	42911070	1-1102214-6	87	47010013	2-1106066-8	192
41550377	1-1102109-2	50	42532400	1-1102291-2	145	42911670	1-1102220-6	115	47010016	3-1106066-8	192
41590379	1-1102114-2	50	42533200	1-1102352-2	164	42931069	1-1102211-1	90	47010021	4-1106066-8	192
41601079	1-1102124-2	64	42541000	1-1102283-2	93	43120018	6-1105300-1	38	47010036	6-1106066-8	192
41601095	1-1102126-2	64	42541600	1-1102305-2	121	43120019	1-1105300-1	38	47041309	8-1106062-6	192
41601679	1-1102143-2	104	42542400	1-1102340-2	145	43120020	2-1105300-1	38	47041311	2-1106062-6	192
41601695	1-1102145-2	104	42543200	1-1102360-2	164	43120021	3-1105300-1	38	47041611	9-1106062-6	192
41603280	1-1102162-1	130	42600679	1-1102249-2	74	43120022	4-1105300-1	38	47041613	3-1106062-6	192
41603296	1-1102164-1	130	42600695	1-1102251-2	74	43120023	5-1105300-1	38	47042113	0-1106062-6	192
41613280	1-1102167-1	131	42601079	1-1102274-1	88	43120640	1-1103634-1	66	47042116	4-1106062-6	192
41613296	1-1102169-1	131	42601095	1-1102276-1	88	43120641	2-1103634-3	66	47042916	0-1106062-7	192
41621079	1-1102128-2	65	42601680	1-1102299-1	116	43120841	2-1104000-3	68	47042921	5-1106062-6	192
41621095	1-1102130-2	65	42601696	1-1102301-1	116	43121040	1-1103636-1	81	47043621	1-1106062-7	192
41621679	1-1102147-2	105	42602480	1-1102331-1	141	43121041	2-1103636-3	81	47043629	6	

Crossreferenz HTS – Tyco

HTS PN	Tyco PN	Seite	HTS PN	Tyco PN	Seite	HTS PN	Tyco PN	Seite	HTS PN	Tyco PN	Seite
47070016	3-1106051-1	193	49302470	1-1102502-6	87	49634081	1-1102579-2	121	68692400	3-1106202-5	185
47070021	4-1106051-1	193	49302471	1-1102505-6	87	49634096	1-1102577-2	121	68694000	3-1106203-5	126
47070029	5-1106051-1	193	49302569	1-1102536-7	103	49634097	1-1102581-2	121	68694000	3-1106203-5	185
47080011	1-1106052-1	193	49302570	1-1102539-7	103	49636480	1-1103346-2	146	68696400	3-1106204-5	151
47080021	4-1106052-1	193	49304070	1-1102570-6	116	49636481	1-1103350-2	146	68696400	3-1106204-5	185
47080036	6-1106052-1	193	49304071	1-1102573-6	116	49636496	1-1103348-2	146	68906472	1-1102623-5	150
47080042	7-1106052-1	193	49306470	1-1103341-6	140	49636497	1-1103352-2	146	70160145	0-1108600-1	43
47120011	1-1106005-7	190	49306471	1-1103344-6	140	49642481	1-1102525-2	94	70165845	1-1105350-1	43
47120013	2-1106005-7	190	49321569	1-1102427-7	63	49642496	1-1102523-2	94	70165945	2-1105350-1	43
47120016	3-1106005-7	190	49321570	1-1102430-7	63	49642497	1-1102527-2	94	70260145	0-1108601-1	43
47120021	4-1106005-7	190	49321670	1-1102461-7	73	49644080	1-1102589-2	122	70265845	1-1105351-1	43
47120029	5-1106005-7	190	49322470	1-1102496-6	87	49644081	1-1102593-2	122	70265945	2-1105351-1	43
47120036	6-1106005-7	190	49322471	1-1102499-6	87	49644096	1-1102591-2	122	432216440	1-1103639-1	106
47120042	7-1106005-7	190	49322569	1-1102530-7	103	49644097	1-1102595-2	122	442680600	5-1106207-7	184
47300011	1-1106004-9	189	49322570	1-1102533-7	103	49646480	1-1103360-2	146	442681000	5-1106213-6	184
47300013	2-1106004-9	189	49324070	1-1102564-6	115	49646481	1-1103364-2	146	449300777	1-1102416-7	51
47300016	3-1106004-9	189	49324071	1-1102567-6	115	49646496	1-1103362-2	146	449330777	1-1102418-7	51
47300021	4-1106004-9	189	49326470	1-1103336-6	139	49646497	1-1103366-2	146	449500700	1-1102419-2	51
47300029	5-1106004-9	189	49326471	1-1103338-6	139	49701670	1-1102489-2	76	449550700	1-1102420-2	52
47300036	6-1106004-9	189	49354070	1-1102570-1	118	49704070	1-1102584-1	117	449550777	1-1102422-2	52
47300042	7-1106004-9	189	49354071	1-1102573-1	118	49704071	1-1102587-1	117	449700777	1-1102424-2	52
47500011	1-1106006-9	190	49356470	1-1103341-1	142	49706470	1-1103355-1	141	749151701	1-1105000-3	35
47500013	2-1106006-9	190	49356471	1-1103344-1	142	49706471	1-1103358-1	141	749151702	1-1105000-2	35
47500016	3-1106006-9	190	49362471	1-1102505-1	90	49721569	1-1102455-2	65	749151901	2-1105000-3	35
47500021	4-1106006-9	190	49372470	1-1102496-1	90	49721570	1-1102458-2	65	749151902	3-1105000-2	35
47500029	5-1106006-9	190	49372471	1-1102499-1	90	49722471	1-1102519-2	94	749152101	4-1105000-3	35
47500036	6-1106006-9	190	49374070	1-1102564-1	118	49722570	1-1102561-2	105	749251701	1-1105001-3	35
47500042	7-1106006-9	190	49374071	1-1102567-1	118	49724070	1-1102584-2	122	749251901	2-1105001-3	35
47700011	1-1106053-1	193	49376470	1-1103336-1	142	49724071	1-1102587-2	122	749251901	4-1105001-3	35
47700013	2-1106053-1	193	49376471	1-1103338-1	142	49726470	1-1103355-2	147	1643120018	6-1105300-2	38
47700016	3-1106053-1	193	49402470	1-1102502-7	92	49726471	1-1103358-2	147	1643120019	1-1105300-2	38
47700021	4-1106053-1	193	49402471	1-1102505-7	92	49801670	1-1102461-3	77	1643120020	2-1105300-2	38
47700029	5-1106053-1	193	49404070	1-1102570-7	120	49802470	1-1102496-3	96	1643120021	3-1105300-2	38
47700036	6-1106053-1	193	49404071	1-1102573-7	120	49802471	1-1102499-3	96	1643120022	4-1105300-2	38
47700042	7-1106053-1	193	49406470	1-1103341-7	145	49804070	1-1102564-3	123	1643120023	5-1105300-2	38
47710011	1-1106053-2	193	49406471	1-1103344-7	145	49804071	1-1102567-3	123	1643150019	1-1105100-2	37
47710013	2-1106053-2	193	49422470	1-1102496-7	92	49806470	1-1103336-3	148	1643150020	2-1105100-2	37
47710029	5-1106053-2	193	49424070	1-1102564-7	120	49806471	1-1103338-3	148	1643150021	3-1105100-2	37
47710042	7-1106053-2	193	49424071	1-1102567-7	120	49861680	1-1102472-8	78	1643150022	4-1105100-2	37
47900011	1-1106056-3	191	49426470	1-1103336-7	144	49861696	1-1102474-8	78	1643150023	5-1105100-2	37
47900013	2-1106056-3	191	49426471	1-1103338-7	144	49862481	1-1102511-8	97	1643220018	6-1105301-2	38
47900016	3-1106056-3	191	49601579	1-1102438-2	64	49862497	1-1102513-8	97	1643220019	1-1105301-2	38
47900021	4-1106056-3	191	49601580	1-1102442-2	64	49866480	1-1103346-8	149	1643220020	2-1105301-2	38
47900029	5-1106056-3	191	49601595	1-1102440-2	64	49866481	1-1103350-8	149	1643220021	3-1105301-2	38
47900036	6-1106056-3	191	49601596	1-1102444-2	64	49866497	1-1103352-8	149	1643220022	4-1105301-2	38
47900042	7-1106056-3	191	49601680	1-1102472-2	75	49906471	1-1102405-3	148	1643220023	5-1105301-2	38
47950011	1-1106057-4	191	49601696	1-1102474-2	75	49906472	1-1102408-3	148	1643250019	1-1105101-2	37
47950013	2-1106057-4	191	49602480	1-1102507-1	88	66122429	1-1103640-9	168	1643250020	2-1105101-2	37
47950016	3-1106057-4	191	49602481	1-1102511-1	88	66222429	1-1103641-9	168	1643250021	3-1105101-2	37
47950021	4-1106057-4	191	49602496	1-1102509-1	88	68300367	1-1102600-5	53	1643250022	4-1105101-2	37
47950029	5-1106057-4	191	49602497	1-1102513-1	88	68301669	1-1102635-5	79	1643250023	5-1105101-2	37
47950036	6-1106057-4	191	49602579	1-1102541-2	104	68302469	1-1102644-5	98	1649150019	2-1105050-2	34
47950042	7-1106057-4	191	49602580	1-1102545-2	104	68302470	1-1102646-5	98	1649150020	3-1105050-2	34
47990011	1-1106055-2	191	49602595	1-1102543-2	104	68304070	1-1102653-5	125	1649150021	4-1105050-2	34
47990013	2-1106055-2	191	49602596	1-1102547-2	104	68304071	1-1102655-5	125	1649150022	5-1105050-2	34
47990016	3-1106055-2	191	49604080	1-1102575-1	116	68306470	1-1102662-5	150	1649250018	1-1105051-2	34
47990021	4-1106055-2	191	49604081	1-1102579-1	116	68306471	1-1102664-5	150	1649250019	2-1105051-2	34
47990029	5-1106055-2	191	49604096	1-1102577-1	116	68321669	1-1102631-5	79	1649250020	3-1105051-2	34
47990036	6-1106055-2	191	49604097	1-1102581-1	116	68322469	1-1102640-5	98	1649250021	4-1105051-2	34
47990042	7-1106055-2	191	49606480	1-1103346-1	141	68322470	1-1102642-5	98	1649250022	5-1105051-2	34
49120741	2-1103002-3	48	49606481	1-1103350-1	141	68324070	1-1102649-5	125	2149120024	2-1103200-3	70
49121541	2-1103004-3	62	49606496	1-1103348-1	141	68324071	1-1102651-5	125	2149120042	2-1103204-3	85
49121641	2-1103006-3	69	49606497	1-1103352-1	141	68326470	1-1102658-5	150	2149120072	2-1103208-3	109
49122441	2-1103008-3	84	49612496	1-1102523-6	91	68326471	1-1102660-5	150	2149120072	2-1103208-3	157
49122541	2-1103010-3	102	49614080	1-1102589-6	119	68500300	1-1102603-5	53	2149120108	2-1103216-3	135
49122541	2-1103010-3	129	49614081	1-1102593-6	119	68501600	1-1102638-5	79	2149120108	2-1103216-3	169
49124041	2-1103012-3	110	49614096	1-1102591-6	119	68502400	1-1102647-5	98	2149120841	2-1103104-3	47
49124041	2-1103012-3	158	49614097	1-1102595-6	119	68504000	1-1102656-5	125	2149121541	2-1103106-3	61
49126441	2-1103032-3	136	49616480	1-1103360-6	143	68506400	1-1102665-5	151	2149122541	2-1103108-3	101
49126441	2-1103032-3	170	49616481	1-1103364-6	143	68530300	1-1102602-5	53	2149122541	2-1103108-3	128
49170051	1-1106102-1	180	49616496	1-1103366-6	143	68550367	1-1102601-5	54	2149124041	2-1103110-3	109
49180050	1-1106107-1	179	49616497	1-1103366-6	143	68551600	1-1102606-5	79	2149124041	2-1103110-3	157
49220741	2-1103003-3	48	49621579	1-1102446-2	65	68552400	1-1102612-5	99	2149126441	2-1103112-3	135
49221541	2-1103005-3	62	49621580	1-1102450-2	65	68554000	1-1102618-5	125	2149126441	2-1103112-3	169
49221641	2-1103007-3	69	49621595	1-1102448-2	65	68556400	1-1102626-5	151	2149130072	2-1103209-3	157
49222441	2-1103009-3	84	49621596	1-1102452-2	65	68601679	1-1102604-5	80	2149130108	2-1103217-3	169
49222541	2-1103011-3	102	49621680	1-1102480-2	75	68601695	1-1102605-5	80	2149150018	1-1105050-1	34
49222541	2-1103011-3	129	49621696	1-1102482-2	75	68602480	1-1102610-5	99	2149220024	2-1103202-3	70
49224041	2-1103013-3	110	49622579	1-1102549-2	105	68602496	1-1102611-5	99	2149220042	2-1103206-3	85
49224041	2-11										

Crossreferenz HTS – Tyco

HTS PN	Tyco PN	Seite	HTS PN	Tyco PN	Seite	HTS PN	Tyco PN	Seite	HTS PN	Tyco PN	Seite
214922541	2-1103109-3	128	5142641095	2-1102288-2	94	5149636481	2-1103350-2	146	5169604080	4-1102726-5	126
2149224041	2-1103111-3	109	5142641680	2-1102308-2	122	5149642480	2-1102521-2	94	5169604096	4-1102727-5	126
2149224041	2-1103111-3	157	5142641696	2-1102310-2	122	5149642481	2-1102525-2	94	5169606481	4-1102734-5	151
2149226441	2-1103113-3	135	5142642480	2-1102343-2	146	5149642497	2-1102527-2	94	5169606497	4-1102735-5	151
2149226441	2-1103113-3	169	5142700669	2-1102258-2	76	5149644080	2-1102589-2	122	5169906471	4-1102732-5	150
2149230072	2-1103213-3	157	5142701069	2-1102279-1	89	5149644081	2-1102593-2	122	5169906472	4-1102733-5	150
2149230108	2-1103221-3	169	5142701670	2-1102304-1	117	5149644096	2-1102591-2	122	9000001197	1-1106302-9	183
2149250018	1-1105051-1	34	5142702470	2-1102336-1	141	5149644097	2-1102595-2	122	9000001197	1-1106302-9	213
2149250019	2-1105051-1	34	5142800669	2-1102240-3	77	5149646481	2-1103364-2	146	9000001198	2-1106302-9	183
2149250020	3-1105051-1	34	5142801069	2-1102261-3	96	5149701670	2-1102489-2	76	9000001198	2-1106302-9	213
2149250021	4-1105051-1	34	5142801670	2-1102292-3	123	5149704071	2-1102587-1	117	9000001199	3-1106302-9	183
2149250022	5-1105051-1	34	5142802470	2-1102316-3	148	5149722471	2-1102519-2	94	9000001199	3-1106302-9	213
5141300377	2-1102101-7	49	5142803271	2-1102348-3	165	5149801670	2-1102461-3	77	9000001200	4-1106302-9	183
5141500300	2-1102105-2	49	5142804873	2-1102234-3	174	5149802470	2-1102496-3	96	9000001200	4-1106302-9	213
5141501000	2-1102121-2	64	5142804874	2-1102236-3	174	5149802471	2-1102499-3	96	9000001201	5-1106302-9	183
5141550300	2-1102107-2	49	5142850600	2-1102244-8	77	5149804070	2-1102564-3	123	9000001201	5-1106302-9	213
5142300669	2-1102243-7	73	5142851000	2-1102271-8	96	5149804071	2-1102567-3	123	9000001202	6-1106302-9	183
5142301069	2-1102267-6	87	5142851600	2-1102296-8	123	5149806471	2-1103338-3	148	9000001202	6-1106302-9	213
5142301070	2-1102270-6	87	5142852400	2-1102291-8	149	5149861680	2-1102472-8	78	9000001203	7-1106302-9	183
5142301670	2-1102295-6	115	5142853200	2-1102352-8	165	5149861696	2-1102474-8	78	9000001203	7-1106302-9	213
5142302470	2-1102325-6	140	5142854800	2-1102237-8	174	5149862481	2-1102511-8	97	9000001204	1-1106303-9	183
5142302471	2-1102328-6	140	5142860679	2-1102249-8	78	5149862497	2-1102513-8	97	9000001204	1-1106303-9	213
5142303271	2-1102351-6	160	5142860695	2-1102251-8	78	5149866481	2-1103350-8	149	9000001205	1-1106304-9	183
5142304872	2-1102385-7	172	5142861079	2-1102274-8	97	5149866497	2-1103352-8	149	9000001205	1-1106304-9	213
5142320669	2-1102240-7	73	5142861095	2-1102276-8	97	5149906472	2-1102408-3	148	9000001457	1-1106301-9	182
5142321069	2-1102261-6	87	5142861680	2-1102299-8	124	5168300367	2-1102600-5	53	9000001533	2-1106303-9	183
5142321070	2-1102264-6	87	5142861696	2-1102301-8	124	5168301669	2-1102635-5	79	9000001533	2-1106303-9	213
5142321670	2-1102292-6	115	5142862480	2-1102331-8	149	5168301670	2-1102637-5	79	9000001583	0-1105051-1	182
5142322470	2-1102316-6	139	5142900669	2-1102205-3	77	5168302469	2-1102644-5	98	9000001585	0-1102081-1	182
5142322471	2-1102319-6	139	5142901080	2-1102211-3	96	5168304071	2-1102655-5	125	9000001656	3-1106303-9	183
5142323271	2-1102348-6	160	5142901670	2-1102220-3	123	5168306471	2-1102664-5	150	9000001656	3-1106303-9	213
5142324872	2-1102376-7	172	5142902471	2-1102232-3	148	5168321669	2-1102631-5	79	9000002146	0-1102082-1	182
5142361069	2-1102267-1	90	5142910669	2-1102205-7	73	5168321670	2-1102633-5	79	9041001219	0-1107196-1	186
5142371069	2-1102261-1	90	5142911069	2-1102211-6	87	5168322470	2-1102642-5	98	9041001220	0-1107196-2	186
5142372471	2-1102319-1	142	5142911070	2-1102214-6	87	5168324071	2-1102651-5	125	9041001221	0-1107196-3	186
5142401069	2-1102267-7	92	5142921069	2-1102211-7	92	5168326471	2-1102660-5	150	9041001222	0-1107197-1	186
5142401670	2-1102295-7	120	5149301670	2-1102467-7	74	5168500300	2-1102603-5	53	9041001223	0-1107197-2	186
5142402471	2-1102328-7	145	5149302470	2-1102502-6	87	5168501600	2-1102638-5	79	9041001224	0-1107197-3	186
5142403271	2-1102351-6	163	5149302471	2-1102505-6	87	5168502400	2-1102647-5	98	9041001328	2-1103100-3	47
5142421005	2-1102259-7	92	5149304070	2-1102570-6	116	5168504000	2-1102656-5	125	9041001329	2-1103101-3	47
5142421069	2-1102261-7	92	5149304071	2-1102573-6	116	5168506400	2-1102665-5	151	9041001330	2-1103000-3	48
5142421670	2-1102292-7	120	5149306470	2-1103341-6	140	5168516400	2-1102628-5	151	9041001331	2-1103001-3	48
5142422470	2-1102316-7	144	5149306471	2-1103344-6	140	5168530300	2-1102602-5	53	9043001534	2-1104200-3	137
5142422471	2-1102319-7	144	5149320871	2-1102411-6	139	5168550367	2-1102601-5	54	9043001535	2-1104202-3	137
5142423271	2-1102348-7	163	5149320872	2-1102414-6	140	5168551600	2-1102606-5	79	9043001550	3-1105150-1	41
5142500600	2-1102244-2	74	5149321670	2-1102461-7	73	5168552400	2-1102612-5	99	9043001551	4-1105150-1	41
5142501000	2-1102271-1	88	5149322470	2-1102496-6	87	5168554000	2-1102618-5	125	9043001552	5-1105150-1	41
5142501600	2-1102296-1	116	5149322471	2-1102499-6	87	5168556400	2-1102626-5	151	9043001553	3-1105151-1	41
5142502400	2-1102291-1	140	5149324070	2-1102564-6	115	5168601679	2-1102604-5	80	9043001554	4-1105151-1	41
5142503200	2-1102352-1	160	5149324071	2-1102567-6	115	5168601695	2-1102605-5	80	9043001555	5-1105151-1	41
5142511000	2-1102283-6	91	5149326470	2-1103336-6	139	5168602496	2-1102611-5	99	9043001622	1-1105653-8	41
5142511600	2-1102305-6	119	5149326471	2-1103338-6	139	5168604096	2-1102617-5	126	9043001622	1-1105653-8	42
5142512400	2-1102340-6	143	5149354070	2-1102570-1	118	5168606496	2-1102625-5	151	9043001640	3-1105150-2	41
5142513200	2-1102360-6	162	5149356471	2-1103344-1	142	5168690300	4-1106200-5	54	9043001641	4-1105150-2	41
5142520600	2-1102246-2	74	5149362470	2-1102502-1	90	5168691600	4-1106201-5	80	9043001642	5-1105150-2	41
5142524800	2-1102389-2	173	5149362471	2-1102505-1	90	5168691600	4-1106201-5	80	9043001643	3-1105151-2	41
5142531000	2-1102271-2	93	5149372470	2-1102496-1	90	5168691600	4-1106201-5	185	9043001644	4-1105151-2	41
5142531600	2-1102296-2	121	5149372471	2-1102499-1	90	5168692400	4-1106202-5	99	9043001645	5-1105151-2	41
5142532400	2-1102291-2	145	5149374070	2-1102564-1	118	5168692400	4-1106202-5	185	9043001675	7-1103640-1	168
5142533200	2-1102352-2	164	5149374071	2-1102567-1	118	5168694000	4-1106203-5	126	9043001676	7-1103641-1	168
5142541000	2-1102283-2	93	5149376471	2-1103338-1	142	5168694000	4-1106203-5	185	9043001949	4-1105250-1	40
5142541600	2-1102305-2	121	5149402471	2-1102505-7	92	5168696400	4-1106204-5	151	9043001950	5-1105250-1	40
5142542400	2-1102340-2	145	5149404070	2-1102570-7	120	5168696400	4-1106204-5	185	9043001951	6-1105250-1	40
5142543200	2-1102360-2	164	5149406471	2-1103344-7	145	5168906471	2-1102622-5	150	9043001955	4-1105251-1	40
5142600679	2-1102249-2	74	5149422470	2-1102496-7	92	5168906471	2-1102622-5	150	9043001956	5-1105251-1	40
5142600695	2-1102251-2	74	5149424070	2-1102564-7	120	5168906472	2-1102623-5	150	9043001957	6-1105251-1	40
5142601079	2-1102274-1	88	5149424071	2-1102567-7	120	5168906472	2-1102623-5	150	9043002220	2-1105250-1	40
5142601095	2-1102276-1	88	5149426471	2-1103338-7	144	5169300367	4-1102700-5	53	9043002221	2-1105251-1	40
5142601680	2-1102299-1	116	5149601680	2-1102472-2	75	5169301669	4-1102706-5	79	9043002222	3-1105250-1	40
5142601696	2-1102301-1	116	5149601696	2-1102474-2	75	5169302470	4-1102715-5	98	9043002223	3-1105251-1	40
5142602480	2-1102331-1	141	5149602480	2-1102507-1	88	5169304071	4-1102725-5	125	9043002286	1-1105250-1	40
5142602496	2-1102333-1	141	5149602481	2-1102511-1	88	5169321669	4-1102704-5	79	9043002287	1-1105251-1	40
5142603281	2-1102354-1	161	5149602496	2-1102509-1	88	5169322470	4-1102714-5	98	9049000838	0-1108741-3	184
5142603297	2-1102356-1	161	5149604080	2-1102575-1	116	5169324071	4-1102723-5	125	9049001724	1-1102411-6	139
5142611079	2-1102286-6	91	5149604081	2-1102579-1	116	5169326471	4-1102755-5	150	9049001788	1-1102414-6	140
5142611680	2-1102308-6	119	5149604096	2-1102577-1	116	5169500300	4-1102703-5	53	9068001670	0-1108533-1	151

Ihre Notizen/*Your comments:*

Ihre Notizen/Your comments:

Ihre Notizen/*Your comments:*

Ihre Notizen/*Your comments:*

Ihre Notizen/*Your comments:*

FOR MORE INFORMATION

te.com/products/HTS

TE Technical Support Center

Internet:	te.com/help
USA:	+1 (800) 522-6752
Canada:	+1 (905) 475-6222
Mexico	+52 (0) 55-1106-0800
Latin/S. America:	+54 (0) 11-4733-2200
Germany:	+49 (0) 6251-133-1999
UK:	+44 (0) 800-267666
France:	+33 (0) 1-3420-8686
Netherlands:	+31 (0) 73-6246-999
China:	+86 (0) 400-820-6015

Part numbers in this brochure are RoHS Compliant*, unless marked otherwise.

*as defined www.te.com/leadfree

te.com

© 2011 Tyco Electronics Corporation, a TE Connectivity Ltd. Company. All Rights Reserved.

889745-2 CIS WR 08/2011

AMP, HTS, TE Connectivity and the TE connectivity (logo) are trademarks.

Other logos, product and Company names mentioned herein may be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this catalog, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

