

**SAK Series
DK 4QV/35****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

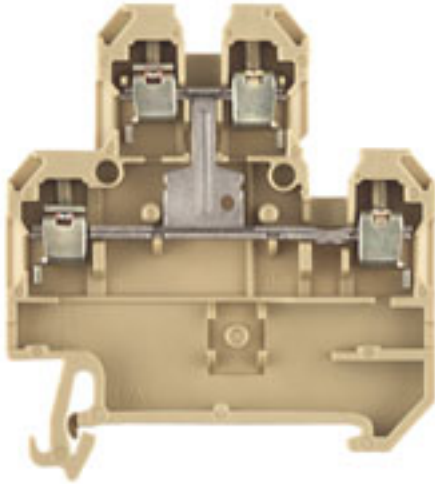
D-32758 Detmold

Germany

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www.weidmueller.com

**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Type	DK 4QV/35
Order No.	0363660000
Version	SAK Series, Feed-through terminal, Double-tier terminal, Rated cross-section: 4 mm², Screw connection
GTIN (EAN)	4008190165192
Qty.	100 pc(s).

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Technical data
Dimensions and weights

Width	6 mm	Width (inches)	0.236 inch
Height	54 mm	Height (inches)	2.126 inch
Depth	59.9 mm	Depth (inches)	2.358 inch
Weight	14.05 g	Net weight	14.48 g

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	100 °C
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Material data

Material	PA 66	Colour	beige / yellow
UL 94 flammability rating	V-2		

System specifications

Version	Screw connection, Vertically cross-connected, for screwable cross- connection, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	2
No. of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Explosion-tested version	Yes	Number of similar terminals	1
Open sides	right	Type of mounting	Clamped

CSA rating data

Certificate No. (CSA)	12400-130	Current size C (CSA)	15 A
Voltage size C (CSA)	300 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	22 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm ²
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Technical data
Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, rated connection, max.	6 mm ²
Clamping range, rated connection, min.	0.13 mm ²	Clamping screw	M 3
Connection direction		Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²
	on side	Number of connections	4
Gauge to IEC 60947-1	A3	Tightening torque, max.	0.8 Nm
Stripping length	8 mm	Torque level with DMS electric screwdriver	2
Tightening torque, min.	0.5 Nm	Twin wire-end ferrules, min.	0.5 mm ²
Twin wire-end ferrules, max.	1.5 mm ²	Wire connection cross section AWG, max.	AWG 12
Type of connection	Screw connection	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²	Wire connection cross section, solid core, min. rated connection	0.5 mm ²
Wire connection cross section, solid core max. rated connection	6 mm ²	Wire connection cross section, stranded, rated connection, min.	0.5 mm ²
Wire connection cross section, stranded, rated connection, max.	4 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm ²		

Rating data

Rated cross-section	4 mm ²	Rated voltage	500 V
Rated current	32 A	Current at maximum wires	41 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage	6 kV	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	10 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	10 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size C (UR)	27 A
Voltage size C (UR)	300 V		

Classifications

ETIM 3.0	EC000897	ETIM 4.0	EC000897
ETIM 5.0	EC000897	ETIM 6.0	EC000897
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-20
eClass 6.2	27-14-11-20	eClass 7.1	27-14-11-20
eClass 8.1	27-14-11-20	eClass 9.0	27-14-11-20
eClass 9.1	27-14-11-20		

Product information

Descriptive text technical data With twin wire-end ferrules ZH 0.5 to ZH 2.5, the rated voltage is 690 V.

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Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of
Conformity

[DE_PT1301_20160418_125_ISSUE01.pdf](#)

Engineering Data

[EPLAN_WSCAD](#)

User Documentation

[Beipackzettel_WDKV_DKV.pdf](#)

Safety note

Safety notice

[Safety Information](#)

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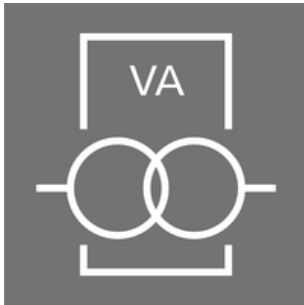
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Accessories
Test plug

Current and voltage transformer wiring

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
PS 2.3 RT	0180400000	Accessories, Test plug	4008190060121	20 pc(s).

Plus


The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

General ordering data

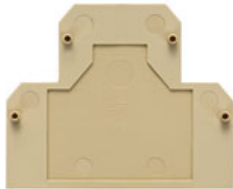
Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/6 PLUS	1011320000	Dekafix, Terminal marker,	4032248717644	1,000 pc(s).
MC NE WS		5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, White		

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Accessories

End plates



Klippon® Connect with clamping yoke Technology

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
AP DK4Q BL	1397180000	SAK Series, End plate, 1.5 mm, Blue, Direct mounting	4008190171728 20 pc(s).	
AP DK4Q	1397160000	SAK Series, End plate, 1.5 mm, Beige, Direct mounting	4008190125899 20 pc(s).	

Blank



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- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/6 MC NE GN	1238310000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Green	4050118271812 1,000 pc(s).	
DEK 5/6 MC NE WS	1609820000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, White	4008190203436 1,000 pc(s).	
DEK 5/6 MC NE BL	1238290000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Blue	4050118267327 1,000 pc(s).	
DEK 5/6 MC NE GR	1238330000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Grey	4050118323306 1,000 pc(s).	
DEK 5/6 MC NE GE	1238280000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, Yellow	4050118038750 1,000 pc(s).	

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Accessories

DEK 5/6 MC [1912090000](#)
NE OR

Dekafix, Terminal marker, 4032248540525 1,000 pc(s).
5 x 6 mm, Pitch in mm (P):
6.00 Weidmueller, Orange

DEK 5/6 MC [1454900000](#)
NE BR

Dekafix, Terminal marker, 4050118323313 1,000 pc(s).
5 x 6 mm, Pitch in mm (P):
6.00 Weidmueller, Brown

QB



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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
QB 75/6.2/15	0535200000	SAK Series, Cross- connector, for cross- connection link, No. of poles: 75	4008190179168 10 pc(s).	
QB 75/6.2/9/ WI	0526400000	SAK Series, Cross- connector, for cross- connection link, No. of poles: 75	4008190099923 10 pc(s).	

Q / AKZ



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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
Q 4 AKZ4	0336600000	SAK Series, Cross- connector, for cross- connection link, No. of poles: 4	4008190096656 50 pc(s).	
Q 3 AKZ4	0336500000	SAK Series, Cross- connector, for cross- connection link, No. of poles: 3	4008190121730 50 pc(s).	

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Accessories

Q 2 AKZ4	0336400000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 2	4008190037680 50 pc(s).
Q 3 AKZ1.5	0368300000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 3	4008190074913 50 pc(s).
Q 10 AKZ4	0368600000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 10	4008190056766 20 pc(s).
Q 10 AKZ1.5	0368500000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 10	4008190159481 20 pc(s).
Q 2 AKZ1.5	0368200000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 2	4008190149987 50 pc(s).
Q 4 AKZ1.5	0368400000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 4	4008190153892 50 pc(s).
Q 10 AKZ4SS	0369300000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 10	4008190065744 20 pc(s).
Q 2 AKZ4SS	0369000000	SAK Series, Cross-connector, No. of poles: 2	4008190143589 50 pc(s).

Non-insulated sockets



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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
STB 8.5/ D4/2.3/M2.5 AKZ	0215700000	Accessories, Socket	4008190184872 50 pc(s).	

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Accessories

Small partition



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General ordering data

Available until	Type	Order No.	Version	GTIN (EAN)	Qty.
2017-11-30	TSCH 2	0190260000	SAK Series, Small partition, Beige, 5 mm	4008190051075	100 pc(s).

Custom printing



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- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/6 PLUS MC SDR	1038650000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, To customer specification	4032248767908	200 pc(s).
DEK 5/6 MC SDR	1609830000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, To customer specification	4008190456603	200 pc(s).

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Accessories
QB RA

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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
QB 4 WI RA6 IS	0482900000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 4	4008190086169 50 pc(s).	
QB 3 WI RA6 IS	0482800000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 3	4008190145217 50 pc(s).	
QB 2 WI RA6 IS	0482700000	SAK Series, Cross-connector, for cross-connection link, No. of poles: 2	4008190166021 50 pc(s).	

Partition plates

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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
WTW EN	1058800000	W-Series, Separation plate	4008190140175 20 pc(s).	

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Accessories
DEK 5/6

WS/ DEK

MultiMark DEK/WS connector markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

Your benefits with MultiMark

- Compatible with W, Z, P and SAK series terminal blocks
- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Space for multi-line printing

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/6 MM	2007120000	Dekafix, Terminal marker,	4050118392104	600 pc(s).
WS		5 x 6 mm, Weidmueller, White		

End bracket

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General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
EWK 1	0206160000	Accessories, End bracket	4008190080020	50 pc(s).
EW 35	0383560000	Accessories, End bracket	4008190181314	50 pc(s).

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