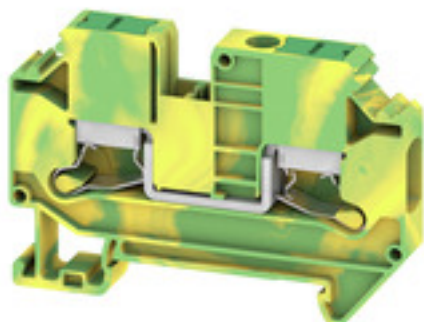


SL2C 6 PE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**General ordering data**

Version	PE terminal, SNAP IN, Green/yellow, 6 mm ² , 1000 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid
Order No.	3037400000
Type	SL2C 6 PE
GTIN (EAN)	4099987000147
Qty.	50 pc(s).

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Technical data**Dimensions and weights**

Depth	42.2 mm	Depth (inches)	1.661 inch
Depth including DIN rail	51.2 mm	Height	62.8 mm
Height (inches)	2.472 inch	Width	8.2 mm
Width (inches)	0.323 inch	Net weight	19.88 g

Temperatures

Storage temperature	-25 °C...60 °C	Ambient temperature	-5 °C...110 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Material data

Material	Wemid	Colour	Green/yellow
Colour of operational elements	green	UL 94 flammability rating	V-0

System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	Number of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	Yes	Rail	TS 35
N-function	No	PE function	Yes
PEN function	No		

Additional technical data

Explosion-tested version	No	Open sides	right
Type of fixing	Snap-on	Type of mounting	TS 35

CSA rating data

Certificate No. (CSA)	1256475-213329	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	14 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection SNAP IN

SL2C 6 PE

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Technical data

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	10 mm ²
Clamping range, min.	0.5 mm ²	Connection cross-section, stranded, max.	10 mm ²
Connection cross-section, stranded, min.	1.5 mm ²	Connection direction	on side
Gauge to IEC 60947-1	A5	Number of connections	2
Stripping length	12 mm	Twin wire-end ferrules, max.	4 mm ²
Twin wire-end ferrules, min.	1.5 mm ²	Type of connection	SNAP IN
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 20
Wire connection cross section, finely stranded, max.	10 mm ²	Wire connection cross section, finely stranded, min.	1.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm ²
Wire connection cross-section, solid core, max.	10 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

General

Rail	TS 35	Standards	IEC 60947-7-2
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 20

Rating data

Rated cross-section	6 mm ²	Rated voltage to adjoining terminal	1,000 V
Rated DC voltage	1,000 V	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Rated impulse withstand voltage to adjacent terminal	8 kV
Power loss in accordance with IEC 60947-7-x	1.31 mW	Pollution severity	3
Surge voltage category	III		

UL rating data

Certificate No. (cURus)	E60693	Wire cross section max. (cURus)	8 AWG
Wire cross section min. (cURus)	14 AWG		

Classifications

ETIM 6.0	EC000901	ETIM 7.0	EC000901
ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	EC000901	ECLASS 9.0	27-14-11-41
ECLASS 9.1	27-14-11-41	ECLASS 10.0	27-14-11-41
ECLASS 11.0	27-14-11-41	ECLASS 12.0	27-14-11-41
ECLASS 13.0	27-25-01-03	ECLASS 14.0	27-25-01-03
ECLASS 15.0	27-25-01-03		

SL2C 6 PE

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Technical data

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
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ROHS	Conform
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UL File Number Search	UL Website
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Certificate No. (cURus)	E60693
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Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
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REACH SVHC	No SVHC above 0.1 wt%
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Downloads

Engineering Data	CAD data – STEP
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SL2C 6 PE

Weidmüller Interface GmbH & Co. KG

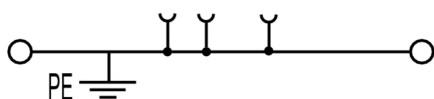
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Drawings



SL2C 6 PE

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Accessories

6 mm²

General ordering data

Type	SLEP 2C 6	Version
Order No.	3037590000	End plate for terminals, dark beige, Height: 62.8 mm, Width: 2.2 mm,
GTIN (EAN)	4099987000406	V-O, Wemid, Snap-on: Yes
Qty.	50 pc(s).	

Blank



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

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/8 MC NE WS	Version
Order No.	1856740000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248400850	Weidmueller, white
Qty.	800 pc(s).	

SL2C 6 PE

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Accessories

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

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/8 PLUS MC NE WS	Version
Order No.	1046350000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248782055	Weidmueller, white
Qty.	800 pc(s).	

Custom printing



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

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/8 MC SDR	Version
Order No.	1856750000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248400867	Weidmueller, To customer specification
Qty.	160 pc(s).	

SL2C 6 PE

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Accessories

Type	DEK 5/8 PLUS MC SDR	Version
Order No.	1046370000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248782079	Weidmueller, To customer specification
Qty.	160 pc(s).	

6 mm²

General ordering data

Type	ZQV 6SL/4	Version
Order No.	3077600000	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles:
GTIN (EAN)	4099987081801	4, Pitch in mm (P): 8.20, Insulated: Yes, Width: 31.1 mm
Qty.	25 pc(s).	
Type	ZQV 6SL/10	Version
Order No.	3077620000	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles:
GTIN (EAN)	4099987081825	10, Pitch in mm (P): 8.20, Insulated: Yes, Width: 80.3 mm
Qty.	10 pc(s).	
Type	ZQV 6SL/5	Version
Order No.	3077610000	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles:
GTIN (EAN)	4099987081818	5, Pitch in mm (P): 8.20, Insulated: Yes, Width: 39.3 mm
Qty.	25 pc(s).	
Type	ZQV 6SL/3	Version
Order No.	3077590000	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles:
GTIN (EAN)	4099987081795	3, Pitch in mm (P): 8.20, Insulated: Yes, Width: 22.9 mm
Qty.	25 pc(s).	
Type	ZQV 6SL/2	Version
Order No.	3077580000	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles:
GTIN (EAN)	4099987081788	2, Pitch in mm (P): 8.20, Insulated: Yes, Width: 14.7 mm
Qty.	25 pc(s).	

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