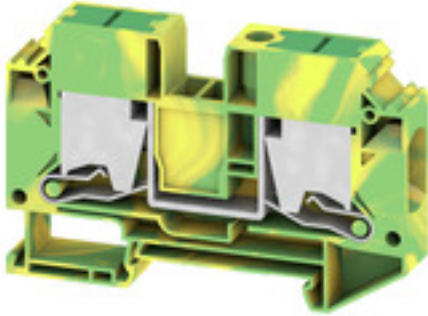


SL2C 16 PE

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



General ordering data

Version	PE terminal, SNAP IN, Green/yellow, 16 mm ² , 1000 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid
Order No.	3037580000
Type	SL2C 16 PE
GTIN (EAN)	4099987000390
Qty.	50 pc(s).

Creation date June 25, 2025 11:05:16 AM CEST

Catalogue status 21.06.2025 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	49.8 mm	Depth (inches)	1.961 inch
Depth including DIN rail	58.8 mm	Height	77.2 mm
Height (inches)	3.039 inch	Width	12.2 mm
Width (inches)	0.48 inch	Net weight	51.07 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	Yes		

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)	4 AWG
Wire cross section min. (CSA)	10 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection SNAP IN

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Technical data

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	25 mm ²
Clamping range, min.	2.5 mm ²	Connection cross-section, stranded, max.	25 mm ²
Connection cross-section, stranded, min.	4 mm ²	Connection direction	on side
Gauge to IEC 60947-1	A7	Number of connections	2
Stripping length	20 mm	Twin wire-end ferrules, max.	10 mm ²
Twin wire-end ferrules, min.	1.5 mm ²	Type of connection	SNAP IN
Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 12
Wire connection cross section, finely stranded, max.	25 mm ²	Wire connection cross section, finely stranded, min.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	2.5 mm ²
Wire connection cross-section, solid core, max.	25 mm ²	Wire connection cross-section, solid core, min.	2.5 mm ²

General

Rail	TS 35	Standards	IEC 60947-7-2
Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 12

Rating data

Rated cross-section	16 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	0.42 mΩ	Rated impulse withstand voltage to adjacent terminal	9.8 kV
Power loss in accordance with IEC 60947-7-x	2.43 mW	Pollution severity	3
Surge voltage category	III		

UL rating data

Certificate No. (cURus)	E60693	Wire cross section max. (cURus)	4 AWG
Wire cross section min. (cURus)	10 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		

Data sheet

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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/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Environmental Product Compliance

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

Downloads

Engineering Data	CAD data – STEP
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Data sheet

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Drawings

