

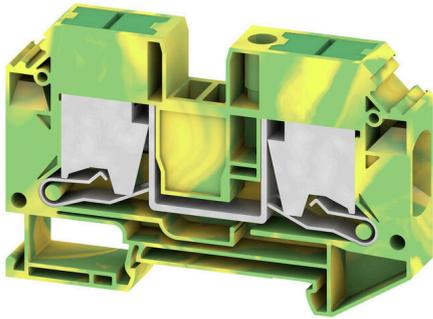
SL2C 16 PE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

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 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

Dimensions and weights

Depth	49.8 mm	Depth (inches)	1.9606 inch
Depth including DIN rail	58.8 mm	Height	77.2 mm
Height (inches)	3.0394 inch	Width	12.2 mm
Width (inches)	0.4803 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

Environmental Product Compliance

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

Material data

Basic 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	Mounting rail	TS 35
N-function	No	PE function	Yes
PEN function	Yes		

Additional technical data

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

CSA rating data

Wire cross section max. (CSA)	4 AWG	Certificate No. (CSA)	1256475-213329
Wire cross section min. (CSA)	10 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection SNAP IN

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Conductors for clamping (rated connection)

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

General

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

Rating data

Rated cross-section	16 mm ²	Rated voltage to adjoining terminal	1000 V
Rated DC voltage	1000 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	0.00 W	Surge voltage category	III
Pollution severity	3		

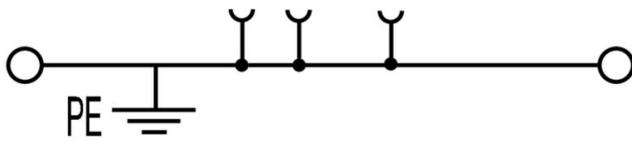
UL rating data

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

Classifications

ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	EC000901	ECLASS 14.0	27-25-01-03
ECLASS 15.0	27-25-01-03		

Drawings



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Accessories

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Testadapter and testsockets



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	FZS 2/4 RT/80 SAKT4	Version	
Order No.	1276300000	Plug (terminal), Plug-in connection, 2 mm ² , Number of connections: 2,	
GTIN (EAN)	4008190026080	Number of poles: 1, Width: 9 mm	
Qty.	20 ST		