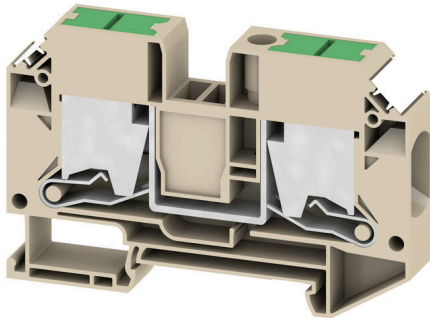


SL2C 16 DL**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
D-32758 Detmold
Germany

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	Feed-through terminal block, SNAP IN, dark beige, 16 mm ² , 76 A, 1000 V, Number of connections: 2
Order No.	3187340000
Type	SL2C 16 DL
GTIN (EAN)	4099987954099
Qty.	50 items

SL2C 16 DL

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Technical data

Dimensions and weights

Depth	49.8 mm	Depth (inches)	1.9606 inch
Depth including DIN rail	51.3 mm	Height	77.2 mm
Height (inches)	3.0394 inch	Width	12.2 mm
Width (inches)	0.4803 inch	Net weight	41.46 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

Basic material	Wemid	Colour	dark beige
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	No	Mounting rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

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

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.	4 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

Technical data

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 (rated connection), min.	2.5 mm ²		

General

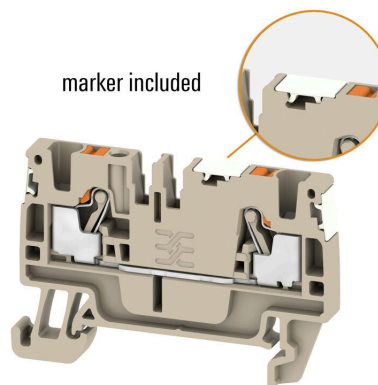
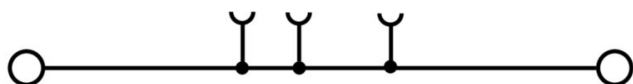
Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 12
Standards	IEC 60947-7-1	Mounting rail	TS 35

Rating data

Rated cross-section	16 mm ²	Rated voltage	1000 V
Rated voltage to adjoining terminal	1000 V	Rated DC voltage	1000 V
Nominal current	76 A	Current at maximum wires	76 A
Standards	IEC 60947-7-1	Volume resistance	0.42 mΩ
Rated impulse withstand voltage	8 kV	Rated impulse withstand voltage to adjacent terminal	8 kV
Power loss in accordance with IEC 60947-7-x	2.43 W	Surge voltage category	III
Pollution severity	3		

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		



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Accessories

Cross-connections

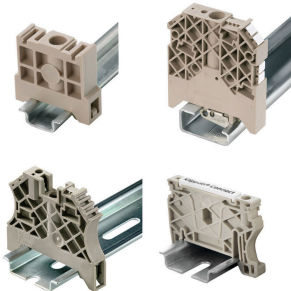


The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

General ordering data

Type	ZQV 16N/2	Version
Order No.	2497290000	Cross-connector (terminal), Plugged, orange, 76 A, Number of poles:
GTIN (EAN)	4050118561906	2, Pitch in mm (P): 12.00, Insulated: Yes, Width: 20.6 mm
Qty.	25 ST	

End bracket



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	AEB 35 SC/1	Version
Order No.	1991920000	A-series, End bracket
GTIN (EAN)	4050118376722	
Qty.	50 ST	
Type	AEB 35 SC/1 BK	Version
Order No.	2475310000	A-series, End bracket
GTIN (EAN)	4050118487114	
Qty.	50 ST	
Type	AEB 35 SC/1 RM	Version
Order No.	3112300000	A-series, End bracket
GTIN (EAN)	4099987196413	
Qty.	50 ST	
Type	AEB 35 SCL/1 RM	Version
Order No.	3112310000	A-series, End bracket
GTIN (EAN)	4099987196420	
Qty.	20 ST	
Type	AEB 35 SCL/1 V0	Version
Order No.	2661280000	A-series, End bracket
GTIN (EAN)	4050118702163	
Qty.	20 ST	

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Accessories

Type	AEB 35 SCL/1 V0 BK	Version
Order No.	2661300000	A-series, End bracket
GTIN (EAN)	4050118702187	
Qty.	20 ST	
Type	AEB 35 SCL/1 V0 GY	Version
Order No.	2661290000	A-series, End bracket
GTIN (EAN)	4050118702170	
Qty.	20 ST	

End plates and partition plates



Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row on the sides, protect against contact with live parts, and ensure a clean, stable finish. Both components are precisely matched to the respective Weidmüller terminal block series, contributing to safe, compliant, and professional wiring.

General ordering data

Type	SLEP 2C 16	Version
Order No.	3037680000	End plate for terminals, dark beige, Height: 77.2 mm, Width: 2.2 mm,
GTIN (EAN)	4099987000451	V-0, Wemid, Snap-on: Yes
Qty.	50 ST	