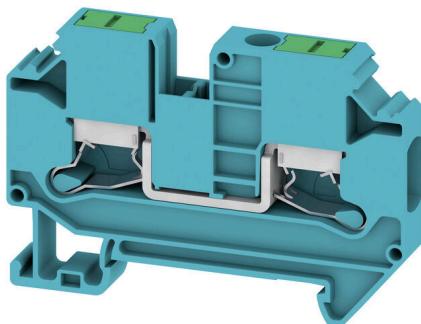


SL2C 6 BL

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 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, blue, 6 mm ² , 41 A, 1000 V, Number of connections: 2
Order No.	3037390000
Type	SL2C 6 BL
GTIN (EAN)	4099987000130
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	42.2 mm	Depth (inches)	1.6614 inch
Depth including DIN rail	51.2 mm	Height	62.8 mm
Height (inches)	2.4724 inch	Width	8.2 mm
Width (inches)	0.3228 inch	Net weight	16.02 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	blue
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

CSA rating data

Wire cross section max. (CSA)	8 AWG	Voltage size C (CSA)	600 V
Current size C (CSA)	40 A	Certificate No. (CSA)	1256475-213329
Voltage size B (CSA)	600 V	Current size B (CSA)	40 A
Wire cross section min. (CSA)	14 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection SNAP IN

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Technical data

Conductors for clamping (rated connection)

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

General

Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 20
Standards	IEC 60947-7-1	Mounting rail	TS 35

Rating data

Rated cross-section	6 mm ²	Rated voltage	1000 V
Rated voltage to adjoining terminal	1000 V	Rated DC voltage	1000 V
Nominal current	41 A	Current at maximum wires	41 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.78 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	1.31 mW
Surge voltage category	III	Pollution severity	3

UL rating data

Voltage size B (cURus)	600 V	Wire cross section max. (cURus)	8 AWG
Certificate No. (cURus)	E60693	Wire cross section min. (cURus)	14 AWG
Current size B (cURus)	40 A	Current size C (cURus)	40 A

Classifications

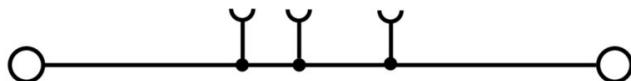
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		

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Drawings

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Accessories

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 VO	Version
Order No.	2661280000	A-series, End bracket
GTIN (EAN)	4050118702163	
Qty.	20 ST	
Type	AEB 35 SCL/1 VO BK	Version
Order No.	2661300000	A-series, End bracket
GTIN (EAN)	4050118702187	
Qty.	20 ST	
Type	AEB 35 SCL/1 VO GY	Version
Order No.	2661290000	A-series, End bracket
GTIN (EAN)	4050118702170	
Qty.	20 ST	

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.

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Accessories

General ordering data

Type	ZQV 6SL/10	Version
Order No.	3077620000	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: 10, Pitch in mm (P): 8.20, Insulated: Yes, Width: 80.3 mm
GTIN (EAN)	4099987081825	
Qty.	10 ST	
Type	ZQV 6SL/2	Version
Order No.	3077580000	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: 2, Pitch in mm (P): 8.20, Insulated: Yes, Width: 14.7 mm
GTIN (EAN)	4099987081788	
Qty.	25 ST	
Type	ZQV 6SL/3	Version
Order No.	3077590000	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: 3, Pitch in mm (P): 8.20, Insulated: Yes, Width: 22.9 mm
GTIN (EAN)	4099987081795	
Qty.	25 ST	
Type	ZQV 6SL/4	Version
Order No.	3077600000	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: 4, Pitch in mm (P): 8.20, Insulated: Yes, Width: 31.1 mm
GTIN (EAN)	4099987081801	
Qty.	25 ST	
Type	ZQV 6SL/5	Version
Order No.	3077610000	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: 5, Pitch in mm (P): 8.20, Insulated: Yes, Width: 39.3 mm
GTIN (EAN)	4099987081818	
Qty.	25 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 6	Version
Order No.	3037590000	End plate for terminals, dark beige, Height: 62.8 mm, Width: 2.2 mm,
GTIN (EAN)	4099987000406	V-0, Wemid, Snap-on: Yes
Qty.	50 ST	

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Accessories

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	Weidmüller, white
Qty.	800 ST	

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

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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	Weidmüller, To customer specification
Qty.	160 ST	
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	Weidmüller, To customer specification
Qty.	160 ST	

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Accessories

Plus



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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	Weidmüller, white
Qty.	800 ST	

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	