

S2C 6 PE**Weidmüller Interface GmbH & Co. KG**Klingenbergsstraße 26
D-32758 Detmold
Germanywww.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, 6 mm ² , 1000 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid
Order No.	2935630000
Type	S2C 6 PE
GTIN (EAN)	4099986686366
Qty.	50 items

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Technical data

Approvals

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Dimensions and weights

Depth	45.5 mm	Depth (inches)	1.7913 inch
Height	66.5 mm	Height (inches)	2.6181 inch
Width	8.1 mm	Width (inches)	0.3189 inch
Net weight	21.9 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °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	No		

Additional technical data

With snap-in pegs	No	Open sides	right
Snap-on	Yes	Type of fixing	Snap-on
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	A5	Wire connection cross section AWG, max.	AWG 8
Connection direction	top	Stripping length	12 mm
Type of connection	SNAP IN	Number of connections	2
Clamping range, max.	6 mm ²	Clamping range, min.	1 mm ²

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Blade size	1.0 x 5.5 mm	Wire connection cross section AWG, min.	AWG 22
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 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 mm ²
Wire connection cross section, finely stranded, max.	6 mm ²	Wire connection cross section, finely stranded, min.	1.5 mm ²
Connection cross-section, stranded, max.	6 mm ²	Connection cross-section, stranded, min.	1 mm ²
Wire connection cross-section, solid core, max.	6 mm ²	Wire connection cross-section, solid core, min.	1 mm ²
Connection cross-section, finely stranded, max.	6 mm ²	Connection cross-section, finely stranded, min.	1.5 mm ²

General

Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 22
Standards	IEC 60947-7-2	Mounting rail	TS 35

Rating data

Rated cross-section	6 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	0.78 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	1.31 W
Surge voltage category	III	Pollution severity	3

Classifications

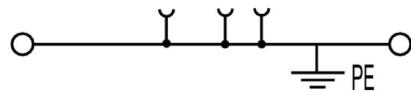
ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	EC000901	ECLASS 14.0	27-25-01-03
ECLASS 15.0	27-25-01-03		

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Drawings

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Accessories

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	ATPG 6 MI-R	Version
Order No.	1991930000	Test adapter (terminal), 1.5 mm ² , 250 V, 0.2 A
GTIN (EAN)	4050118376555	
Qty.	50 ST	

End plates and partition plates

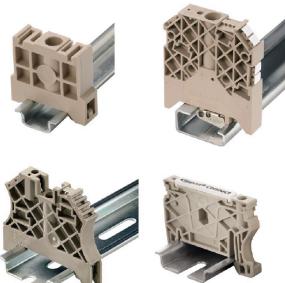


Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row 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	APP 2	Version
Order No.	2489090000	A-series, Partition plate
GTIN (EAN)	4050118499308	
Qty.	50 ST	
Type	SEP 2C 6	Version
Order No.	2935660000	End plate for terminals, dark beige, Height: 64.93 mm, Width: 2.1
GTIN (EAN)	4099986686397	mm, V-0, Wemid, Snap-on: Yes
Qty.	20 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.

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Accessories

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 SCL/1 V0	Version
Order No.	2661280000	A-series, End bracket
GTIN (EAN)	4050118702163	
Qty.	20 ST	
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	

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 6N/10	Version
Order No.	2733970000	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: 10, Pitch in mm (P): 8.00, Insulated: Yes, Width: 3.1 mm
GTIN (EAN)	4064675066811	
Qty.	20 ST	
Type	ZQV 6N/10 BL	Version
Order No.	2786910000	Cross-connector (terminal), Plugged, blue, 41 A, Number of poles: 10, Pitch in mm (P): 8.00, Insulated: Yes, Width: 78.7 mm
GTIN (EAN)	4064675064602	
Qty.	20 ST	
Type	ZQV 6N/2	Version
Order No.	1985740000	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: 2, Pitch in mm (P): 8.00, Insulated: Yes, Width: 13.7 mm
GTIN (EAN)	4050118370362	
Qty.	60 ST	
Type	ZQV 6N/2 BL	Version
Order No.	1985830000	Cross-connector (terminal), Plugged, blue, 41 A, Number of poles: 2, Pitch in mm (P): 8.00, Insulated: Yes, Width: 13.7 mm
GTIN (EAN)	4050118370232	
Qty.	60 ST	

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Accessories

Type	ZQV 6N/20	Version
Order No.	2810820000	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: 20, Pitch in mm (P): 8.00, Insulated: Yes, Width: 4.95 mm
GTIN (EAN)	4064675283430	
Qty.	20 ST	
Type	ZQV 6N/3	Version
Order No.	1985760000	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: 3, Pitch in mm (P): 8.00, Insulated: Yes, Width: 21.8 mm
GTIN (EAN)	4050118370263	
Qty.	60 ST	
Type	ZQV 6N/3 BL	Version
Order No.	1985840000	Cross-connector (terminal), Plugged, blue, 41 A, Number of poles: 3, Pitch in mm (P): 8.00, Insulated: Yes, Width: 21.8 mm
GTIN (EAN)	4050118370379	
Qty.	60 ST	
Type	ZQV 6N/4	Version
Order No.	1985780000	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: 4, Pitch in mm (P): 8.00, Insulated: Yes, Width: 29.9 mm
GTIN (EAN)	4050118370287	
Qty.	60 ST	
Type	ZQV 6N/4 BL	Version
Order No.	1985850000	Cross-connector (terminal), Plugged, blue, 41 A, Number of poles: 4, Pitch in mm (P): 8.00, Insulated: Yes, Width: 29.9 mm
GTIN (EAN)	4050118370447	
Qty.	60 ST	
Type	ZQV 6N/6	Version
Order No.	2733950000	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: 6, Pitch in mm (P): 8.00, Insulated: Yes, Width: 3.1 mm
GTIN (EAN)	4064675066699	
Qty.	20 ST	
Type	ZQV 6N/6 BL	Version
Order No.	2786890000	Cross-connector (terminal), Plugged, blue, 41 A, Number of poles: 6, Pitch in mm (P): 8.00, Insulated: Yes, Width: 46.3 mm
GTIN (EAN)	4064675064572	
Qty.	20 ST	
Type	ZQV 6N/7	Version
Order No.	2733960000	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: 7, Pitch in mm (P): 8.00, Insulated: Yes, Width: 3.1 mm
GTIN (EAN)	4064675066804	
Qty.	20 ST	
Type	ZQV 6N/7 BL	Version
Order No.	2786900000	Cross-connector (terminal), Plugged, blue, 41 A, Number of poles: 7, Pitch in mm (P): 8.00, Insulated: Yes, Width: 54.4 mm
GTIN (EAN)	4064675064596	
Qty.	20 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.

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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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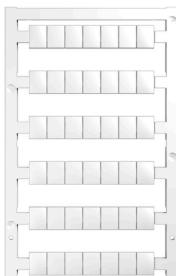
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General ordering data

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	

Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text.

WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

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General ordering data

Type	WS 10/8 PLUS MC NE WS	Version
Order No.	1905950000	WS, Terminal marker, 10 x 8 mm, Pitch in mm (P): 8.00 Weidmüller,
GTIN (EAN)	4032248528103	white
Qty.	420 ST	

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General ordering data

Type	WS 10/8 PLUS MC SDR	Version
Order No.	1906030000	WS, Terminal marker, 10 x 8 mm, Pitch in mm (P): 8.00 Weidmueller,
GTIN (EAN)	4032248528196	To customer specification
Qty.	84 ST	

DEK 5/8



WS/ DEK

MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

Your benefits with MultiMark

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

General ordering data

Type	DEK-A 5/8 MM WS	Version
Order No.	2448860000	Dekafix, Terminal marker, 5 x 8.1 mm, Weidmueller, white
GTIN (EAN)	4050118462968	
Qty.	500 ST	

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Accessories

WS 8/8



WS/ DEK

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- Continuous strips save installation time
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General ordering data

Type	WS-A 8/8 MM WS	Version
Order No.	2448930000	WS, Terminal marker, 8 x 8.1 mm, Weidmueller, white
GTIN (EAN)	4050118462982	
Qty.	500 ST	