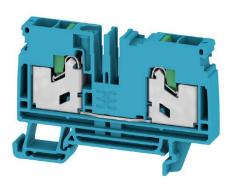


Weidmüller Interface GmbH & Co. KG

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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, blue, 6 mm², 41 A, 1000 V, Number of connections: 2
Order No.	<u>2935550000</u>
Туре	S2C 6 BL
GTIN (EAN)	4099986686281
Qty.	50 items





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Technical data

Approvals	3
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Approvals



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	18.57 g		

Temperatures

Storage temperature	-25 °C55 °C	Ambient temperature	-0.5 °C40 °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

With snap-in pegs	No	Open sides	right
Snap-on	Yes	Type of fixing	Snap-on
Explosion-tested version	No	Type of mounting	TS 35

Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A5	Wire connection cross section AWG,	AWG 8
		max.	
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.	0.5 mm ²

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Technical data

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.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross section, finely stranded, max.	6 mm²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Connection cross-section, stranded, max.	0.5 mm ²	Connection cross-section, stranded, m	in. 0.5 mm²
Twin wire-end ferrules, max.	1.5 mm ²	Twin wire-end ferrules, min.	0.5 mm²
Wire connection cross-section, solid core, max.	6 mm²	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,	AWG 8	Wire connection cross section AWG,	AWG 22
max.		min.	

Rating data

Rated cross-section	6 mm ²	Rated voltage	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 W	Surge voltage category	III
Pollution severity	3		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20
ECLASS 13.0	27-25-01-01	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		

Data sheet

S2C 6 BL



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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

50 ST

Qty.

 Type
 ATPG 6 MI-R
 Version

 Order No.
 1991930000
 Test adapter (terminal), 1.5 mm², 250 V, 0.2 A

 GTIN (EAN)
 4050118376555

End plates and partition plates



End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

General ordering data

Type	APP 2	Version
Order No.	2489090000	A-series, Partition plate
GTIN (EAN)	4050118499308	
Qty.	50 ST	
Туре	SEP 2C 6	Version
Type Order No.	SEP 2C 6 2935660000	Version End plate for terminals, dark beige, Height: 64.93 mm, Width: 2.1

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

Туре	AEB 35 SC/1	Version
Order No.	<u>1991920000</u>	A-series, End bracket
GTIN (EAN)	4050118376722	
Qty.	50 ST	
Туре	AEB 35 SC/1 BK	Version
Order No.	2475310000	A-series, End bracket
GTIN (EAN)	4050118487114	
Qty.	50 ST	
Туре	AEB 35 SCL/1 V0	Version
Order No.	<u>2661280000</u>	A-series, End bracket
GTIN (EAN)	4050118702163	
Qty.	20 ST	
Туре	AEB 35 SCL/1 VO BK	Version
Order No.	<u>2661300000</u>	A-series, End bracket
GTIN (EAN)	4050118702187	
Qty.	20 ST	
Туре	AEB 35 SCL/1 VO GY	Version
Order No.	<u>2661290000</u>	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

Туре	ZQV 6N/10 (ORANGE)	Version
Order No.	<u>2733970000</u>	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles:
GTIN (EAN)	4064675066811	10, Pitch in mm (P): 8.00, Insulated: Yes, Width: 3.1 mm
Qty.	20 ST	
Туре	ZQV 6N/10 BL	Version
Order No.	<u>2786910000</u>	Cross-connector (terminal), Plugged, blue, 41 A, Number of poles: 10,
	4064675064602	Pitch in mm (P): 8.00, Insulated: Yes, Width: 78.7 mm
GTIN (EAN)	.00.070001002	
GTIN (EAN) Qty.	20 ST	
		Version
Qty.	20 ST	Version Cross-connector (terminal), Plugged, orange, 41 A, Number of poles:
Qty.	20 ST ZQV 6N/2	
Oty. Type Order No.	20 ST ZOV 6N/2 1985740000	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles:
Oty. Type Order No. GTIN (EAN)	20 ST ZOV 6N/2 1985740000 4050118370362	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles:
Oty. Type Order No. GTIN (EAN) Oty.	20 ST ZOV 6N/2 1985740000 4050118370362 60 ST	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: 2, Pitch in mm (P): 8.00, Insulated: Yes, Width: 13.7 mm
Oty. Type Order No. GTIN (EAN) Oty. Type	20 ST ZOV 6N/2 1985740000 4050118370362 60 ST ZOV 6N/2 BL	Cross-connector (terminal), Plugged, orange, 41 A, Number of poles: 2, Pitch in mm (P): 8.00, Insulated: Yes, Width: 13.7 mm Version

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Accessories

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

Туре	DEK 5/8 MC NE WS
Order No.	<u>1856740000</u>
GTIN (EAN)	4032248400850
Otto	T2 000

Version

Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00

Weidmueller, white

Custom printing



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General ordering data

Type	DEK 5/8 MC SDR	Version
Order No.	<u>1856750000</u>	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248400867	Weidmueller, To customer specification
Qty.	160 ST	
Туре	DEK 5/8 PLUS MC SDR	Version
Type Order No.	DEK 5/8 PLUS MC SDR 1046370000	Version Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
	· ·	

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Accessories

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

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

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

Custom printing



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

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

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

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

possible.

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Accessories

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

Туре	DEK 5/8 MM WS	Version
Order No.	2007130000	Dekafix, Terminal marker, 5 x 8 mm, Weidmueller, white
GTIN (EAN)	4050118392012	
Qty.	500 ST	

WS 8/8



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.

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- · 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	WS 8/8 MM WS	Version
Order No.	2007170000	WS, Terminal marker, 8 x 8 mm, Weidmueller, white
GTIN (EAN)	4050118392043	
Qty.	500 ST	

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