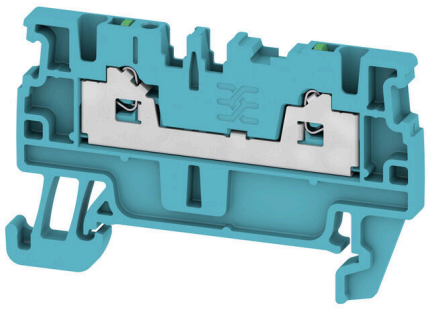
Data sheet

S2C 1.5 BL

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, blue, 1.5 mm², 17.5 A, 500 V, Number of connections: 2
Order No.	2986550000
Type	S2C 1.5 BL
GTIN (EAN)	4099986851894
Qty.	100 items

Data sheet

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Technical data

Dimensions and weights

Depth	33.5 mm	Depth (inches)	1.3189 inch
Height	55 mm	Height (inches)	2.1654 inch
Width	3.5 mm	Width (inches)	0.1378 inch
Net weight	0 g		

Temperatures

Storage temperature	-25 °C...55 °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	SNAP IN

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A1	Wire connection cross section AWG, max.	AWG 16
Connection direction	top	Stripping length	8 mm
Type of connection	SNAP IN	Number of connections	2
Clamping range, max.	1.5 mm²	Clamping range, min.	0.34 mm²
Blade size	0.4 x 2.0 mm	Wire connection cross section AWG, min.	AWG 26
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	0.75 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.34 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.34 mm²
Wire connection cross section, finely stranded, max.	1.5 mm²	Wire connection cross section, finely stranded, min.	0.14 mm²

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Technical data

Connection cross-section, stranded, max.	1.5 mm²	Connection cross-section, stranded, min.	0.14 mm²
Twin wire-end ferrules, max.	0.5 mm²	Twin wire-end ferrules, min.	0.5 mm²
Wire connection cross-section, solid core, max.	1.5 mm²	Wire connection cross-section, solid core, min.	0.14 mm²
Connection cross-section, finely stranded, min.	0.14 mm²		

General

Wire connection cross section AWG, max.	AWG 16	Wire connection cross section AWG, min.	AWG 26
Standards	IEC 60947-7-1	Mounting rail	TS 35

Rating data

Rated cross-section	1.5 mm²	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	17.5 A
Current at maximum wires	17.5 A	Standards	IEC 60947-7-1
Rated impulse withstand voltage	6 kV	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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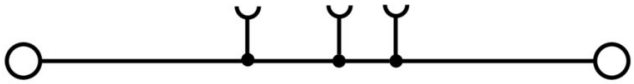
Drawings



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Accessories

WS 8/3.5

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	WS 8/3.5 MM WS	Version
Order No.	2007140000	WS, Terminal marker, 8 x 3.5 mm, Weidmueller, white
GTIN (EAN)	4050118391893	
Qty.	1000 ST	
Type	WS 8/3.5 MM BP WS	Version
Order No.	2619800000	WS, Terminal marker, 8 x 3.5 mm, Weidmueller, white
GTIN (EAN)	4050118626285	
Qty.	11000 ST	

DEK 5/3.5

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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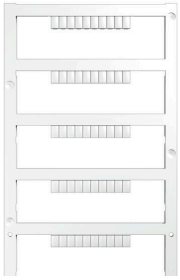
Accessories

General ordering data

Type	DEK 5/3.5 MM WS	Version
Order No.	2007100000	Dekafix, Terminal marker, 5 x 3.5 mm, Weidmueller, white
GTIN (EAN)	4050118391992	
Qty.	1000 ST	

Type	DEK 5/3.5 MM BP WS	Version
Order No.	2619760000	Dekafix, Terminal marker, 5 x 3.5 mm, Weidmueller, white
GTIN (EAN)	4050118626322	
Qty.	15000 ST	

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 5/3.5 MC NE GE	Version
Order No.	1369480000	Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4050118171860	Weidmueller, yellow
Qty.	500 ST	

Type	DEK 5/3.5 MC NE WS	Version
Order No.	1755270000	Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4032248017348	Weidmueller, white
Qty.	500 ST	

Type	DEK 5/3.5 PLUS MC NE WS	Version
Order No.	2003750000	Dekafix, Terminal marker, 5 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4050118424430	Weidmueller, white
Qty.	1600 ST	

Type	WS 10/3.5 PLUS MC NE WS	Version
Order No.	2003760000	WS, Terminal marker, 10 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4050118424454	Weidmueller, white
Qty.	960 ST	

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Accessories

Testadapter and testsockets

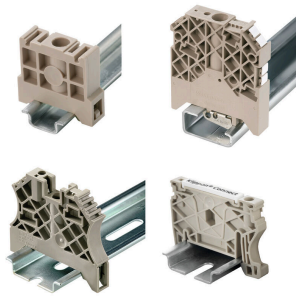
Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	ATPG 1.5 MI-R	Version
Order No.	1991880000	Test adapter (terminal), 1.5 mm², 250 V, 0.2 A
GTIN (EAN)	4050118376715	
Qty.	50 ST	

Type	ATPG 1.5-10 L	Version
Order No.	1991890000	Test adapter (terminal), 1.5 mm², 250 V, 0.2 A
GTIN (EAN)	4050118376647	
Qty.	50 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 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	

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Accessories

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 1.5N/10	Version
Order No.	1985580000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of
GTIN (EAN)	4050118370416	poles: 10, Pitch in mm (P): 3.50, Insulated: Yes, Width: 33.5 mm
Qty.	20 ST	
Type	ZQV 1.5N/10 BL	Version
Order No.	1985680000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles:
GTIN (EAN)	4050118370539	10, Pitch in mm (P): 3.50, Insulated: Yes, Width: 33.5 mm
Qty.	20 ST	
Type	ZQV 1.5N/10 RD	Version
Order No.	1985800000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles:
GTIN (EAN)	4050118370393	10, Pitch in mm (P): 3.50, Insulated: Yes, Width: 33.5 mm
Qty.	20 ST	
Type	ZQV 1.5N/2	Version
Order No.	1985410000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of
GTIN (EAN)	4050118369861	poles: 2, Pitch in mm (P): 3.50, Insulated: Yes, Width: 5.5 mm
Qty.	60 ST	
Type	ZQV 1.5N/2 BL	Version
Order No.	1985530000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles: 2,
GTIN (EAN)	4050118370423	Pitch in mm (P): 3.50, Insulated: Yes, Width: 5.5 mm
Qty.	60 ST	
Type	ZQV 1.5N/2 RD	Version
Order No.	1985650000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 2,
GTIN (EAN)	4050118370324	Pitch in mm (P): 3.50, Insulated: Yes, Width: 5.5 mm
Qty.	60 ST	
Type	ZQV 1.5N/20	Version
Order No.	1985600000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of
GTIN (EAN)	4050118370225	poles: 20, Pitch in mm (P): 3.50, Insulated: Yes, Width: 70 mm
Qty.	20 ST	
Type	ZQV 1.5N/20 BL	Version
Order No.	1985700000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles:
GTIN (EAN)	4050118370331	20, Pitch in mm (P): 3.50, Insulated: Yes, Width: 70 mm
Qty.	20 ST	

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Accessories

Type	ZQV 1.5N/20 RD	Version
Order No.	1985810000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles:
GTIN (EAN)	4050118370355	20, Pitch in mm (P): 3.50, Insulated: Yes, Width: 70 mm
Qty.	20 ST	
Type	ZQV 1.5N/3	Version
Order No.	1985480000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of
GTIN (EAN)	4050118370096	poles: 3, Pitch in mm (P): 3.50, Insulated: Yes, Width: 9 mm
Qty.	60 ST	
Type	ZQV 1.5N/3 BL	Version
Order No.	1985550000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles: 3,
GTIN (EAN)	4050118370485	Pitch in mm (P): 3.50, Insulated: Yes, Width: 9 mm
Qty.	60 ST	
Type	ZQV 1.5N/3 RD	Version
Order No.	1985670000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 3,
GTIN (EAN)	4050118370348	Pitch in mm (P): 3.50, Insulated: Yes, Width: 9 mm
Qty.	60 ST	
Type	ZQV 1.5N/4	Version
Order No.	1985490000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of
GTIN (EAN)	4050118370201	poles: 4, Pitch in mm (P): 3.50, Insulated: Yes, Width: 12.5 mm
Qty.	60 ST	
Type	ZQV 1.5N/4 BL	Version
Order No.	1985570000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles: 4,
GTIN (EAN)	4050118370317	Pitch in mm (P): 3.50, Insulated: Yes, Width: 12.5 mm
Qty.	60 ST	
Type	ZQV 1.5N/4 RD	Version
Order No.	1985690000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 4,
GTIN (EAN)	4050118370515	Pitch in mm (P): 3.50, Insulated: Yes, Width: 12.5 mm
Qty.	60 ST	
Type	ZQV 1.5N/5	Version
Order No.	1985500000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of
GTIN (EAN)	4050118369991	poles: 5, Pitch in mm (P): 3.50, Insulated: Yes, Width: 16 mm
Qty.	20 ST	
Type	ZQV 1.5N/5 BL	Version
Order No.	1985590000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles: 5,
GTIN (EAN)	4050118370430	Pitch in mm (P): 3.50, Insulated: Yes, Width: 16 mm
Qty.	20 ST	
Type	ZQV 1.5N/5 RD	Version
Order No.	1985710000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 5,
GTIN (EAN)	4050118370256	Pitch in mm (P): 3.50, Insulated: Yes, Width: 16 mm
Qty.	20 ST	
Type	ZQV 1.5N/50	Version
Order No.	1985620000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of
GTIN (EAN)	4050118370300	poles: 50, Pitch in mm (P): 3.50, Insulated: Yes, Width: 175 mm
Qty.	5 ST	
Type	ZQV 1.5N/50 BL	Version
Order No.	1985720000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles:
GTIN (EAN)	4050118370546	50, Pitch in mm (P): 3.50, Insulated: Yes, Width: 175 mm
Qty.	5 ST	
Type	ZQV 1.5N/50 RD	Version
Order No.	1985820000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles:
GTIN (EAN)	4050118370270	50, Pitch in mm (P): 3.50, Insulated: Yes, Width: 175 mm
Qty.	5 ST	

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Accessories

Type	ZQV 1.5N/6	Version
Order No.	1985510000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of
GTIN (EAN)	4050118370188	poles: 6, Pitch in mm (P): 3.50, Insulated: Yes, Width: 19.5 mm
Qty.	20 ST	
Type	ZQV 1.5N/6 BL	Version
Order No.	1985610000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles: 6,
GTIN (EAN)	4050118370492	Pitch in mm (P): 3.50, Insulated: Yes, Width: 19.5 mm
Qty.	20 ST	
Type	ZQV 1.5N/6 RD	Version
Order No.	1985730000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 6,
GTIN (EAN)	4050118370454	Pitch in mm (P): 3.50, Insulated: Yes, Width: 19.5 mm
Qty.	20 ST	
Type	ZQV 1.5N/7	Version
Order No.	1985520000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of
GTIN (EAN)	4050118370195	poles: 7, Pitch in mm (P): 3.50, Insulated: Yes, Width: 23 mm
Qty.	20 ST	
Type	ZQV 1.5N/7 BL	Version
Order No.	1985630000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles: 7,
GTIN (EAN)	4050118370522	Pitch in mm (P): 3.50, Insulated: Yes, Width: 23 mm
Qty.	20 ST	
Type	ZQV 1.5N/7 RD	Version
Order No.	1985750000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 7,
GTIN (EAN)	4050118370249	Pitch in mm (P): 3.50, Insulated: Yes, Width: 23 mm
Qty.	20 ST	
Type	ZQV 1.5N/8	Version
Order No.	1985540000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of
GTIN (EAN)	4050118370218	poles: 8, Pitch in mm (P): 3.50, Insulated: Yes, Width: 26.5 mm
Qty.	20 ST	
Type	ZQV 1.5N/8 BL	Version
Order No.	1985640000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles: 8,
GTIN (EAN)	4050118370461	Pitch in mm (P): 3.50, Insulated: Yes, Width: 26.5 mm
Qty.	20 ST	
Type	ZQV 1.5N/8 RD	Version
Order No.	1985770000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 8,
GTIN (EAN)	4050118370508	Pitch in mm (P): 3.50, Insulated: Yes, Width: 26.5 mm
Qty.	20 ST	
Type	ZQV 1.5N/9	Version
Order No.	1985560000	Cross-connector (terminal), Plugged, orange, 17.5 A, Number of
GTIN (EAN)	4050118370409	poles: 9, Pitch in mm (P): 3.50, Insulated: Yes, Width: 30 mm
Qty.	20 ST	
Type	ZQV 1.5N/9 BL	Version
Order No.	1985660000	Cross-connector (terminal), Plugged, blue, 17.5 A, Number of poles: 9,
GTIN (EAN)	4050118370478	Pitch in mm (P): 3.50, Insulated: Yes, Width: 30 mm
Qty.	20 ST	
Type	ZQV 1.5N/9 RD	Version
Order No.	1985790000	Cross-connector (terminal), Plugged, red, 17.5 A, Number of poles: 9,
GTIN (EAN)	4050118370386	Pitch in mm (P): 3.50, Insulated: Yes, Width: 30 mm
Qty.	20 ST	

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Accessories

Slotted screwdriver

Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

Type	SDS 0.4X2.0X60	Version
Order No.	2749260000	Screwdriver, Blade width (B): 2 mm, Blade length: 60 mm, Blade
GTIN (EAN)	4050118895537	thickness (A): 0.4 mm
Qty.	1 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 mm², Number of connections: 2,
GTIN (EAN)	4008190026080	Number of poles: 1, Width: 9 mm
Qty.	20 ST	