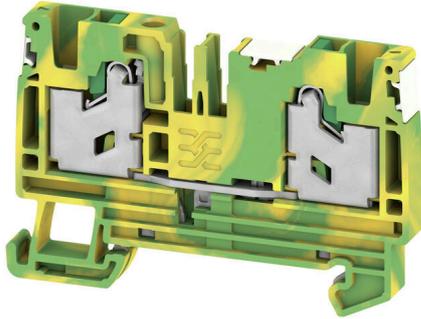


**S2C 4 PE DL****Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26  
D-32758 Detmold  
Germany

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	PE terminal, SNAP IN, Green/yellow, 4 mm <sup>2</sup> , 1000 V, Number of connections: 2, Number of levels: 1, TS 35, V-0, Wemid
Order No.	<a href="#">2874970000</a>
Type	S2C 4 PE DL
GTIN (EAN)	4064675650027
Qty.	50 items

## S2C 4 PE DL

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## Technical data

### Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

### Dimensions and weights

Depth	41.5 mm	Depth (inches)	1.6339 inch
Height	62 mm	Height (inches)	2.4409 inch
Width	6.1 mm	Width (inches)	0.2402 inch
Net weight	15.76 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	Green/yellow
Colour of operational elements	green	UL 94 flammability rating	V-0

### Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV22ATEX8925U	Certificate No. (IECEX)	IECEXTUR22.0073U
Wire cross section max. (ATEX)	6 mm <sup>2</sup>	Wire cross section max. (IECEX)	6 mm <sup>2</sup>

### 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	PE connection	Yes
Mounting rail	TS 35	N-function	No
PE function	Yes	PEN function	No

### Additional technical data

Open sides	right	Snap-on	Yes
Type of fixing	Snap-on	Explosion-tested version	Yes
Type of mounting	TS 35		

### 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	A4	
Wire connection cross section AWG, max.	AWG 12	
Connection direction	top	
Stripping length	12 mm	
Type of connection	SNAP IN	
Number of connections	2	
Clamping range, max.	6 mm <sup>2</sup>	
Clamping range, min.	0.75 mm <sup>2</sup>	
Blade size	0.6 x 3.5 mm	
Wire connection cross section AWG, min.	AWG 20	
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm <sup>2</sup>	
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.75 mm <sup>2</sup>	
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm <sup>2</sup>	
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.75 mm <sup>2</sup>	
Wire connection cross section, finely stranded, max.	6 mm <sup>2</sup>	
Wire connection cross section, finely stranded, min.	0.75 mm <sup>2</sup>	
Connection cross-section, stranded, max.	4 mm <sup>2</sup>	
Connection cross-section, stranded, min.	0.75 mm <sup>2</sup>	
Twin wire-end ferrules, max.	1.5 mm <sup>2</sup>	
Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>	
Wire connection cross-section, solid core, max.	6 mm <sup>2</sup>	
Wire connection cross-section, solid core, min.	0.75 mm <sup>2</sup>	
Connection cross-section, finely stranded, min.	0.75 mm <sup>2</sup>	
Tube length for wire-end ferrule with plastic collar acc. to cross-section	Cross-section, min.	0.5 mm <sup>2</sup>
	Cross-section, max.	1 mm <sup>2</sup>
	Tube length, min.	8 mm
	Tube length, max.	12 mm
	Cross-section, min.	1.5 mm <sup>2</sup>
	Cross-section, max.	2.5 mm <sup>2</sup>
	Tube length, min.	10 mm
	Tube length, max.	18 mm
	Cross-section, min.	4 mm <sup>2</sup>
	Cross-section, max.	4 mm <sup>2</sup>
	Tube length, min.	12 mm
	Tube length, max.	18 mm
Tube length for wire-end ferrule without plastic collar acc. to cross-section	Cross-section, min.	0.5 mm <sup>2</sup>
	Cross-section, max.	1 mm <sup>2</sup>
	Tube length, min.	10 mm
	Tube length, max.	10 mm
	Cross-section, min.	1.5 mm <sup>2</sup>
	Cross-section, max.	2.5 mm <sup>2</sup>
	Tube length, min.	10 mm

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## Technical data

	Tube length, max.	18 mm
	Cross-section, min.	4 mm <sup>2</sup>
	Cross-section, max.	4 mm <sup>2</sup>
	Tube length, min.	12 mm
	Tube length, max.	18 mm
Tube length for twin wire-end ferrule acc. to cross-section	Cross-section, min.	0.5 mm <sup>2</sup>
	Cross-section, max.	0.5 mm <sup>2</sup>
	Tube length, min.	10 mm
	Tube length, max.	12 mm
	Cross-section, min.	0.75 mm <sup>2</sup>
	Cross-section, max.	0.75 mm <sup>2</sup>
	Tube length, min.	10 mm
	Tube length, max.	18 mm
	Cross-section, min.	1 mm <sup>2</sup>
	Cross-section, max.	1 mm <sup>2</sup>
	Tube length, min.	12 mm
	Tube length, max.	18 mm
	Cross-section, min.	1.5 mm <sup>2</sup>
	Cross-section, max.	2.5 mm <sup>2</sup>
	Tube length, min.	18 mm
	Tube length, max.	18 mm

### General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 20
Standards	IEC 60947-7-2	Mounting rail	TS 35

### Rating data

Rated cross-section	4 mm <sup>2</sup>	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	1 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	1.02 W	Surge voltage category	III
Pollution severity	3		

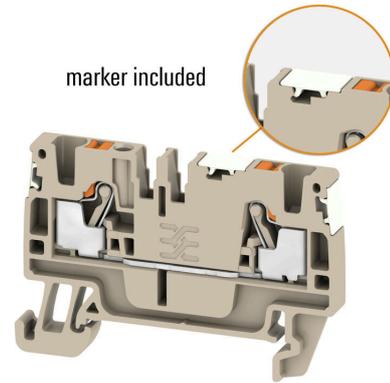
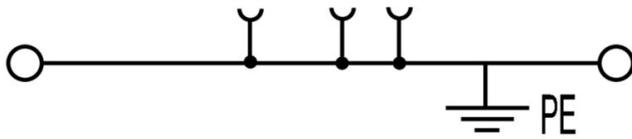
### UL rating data

Conductor size Factory wiring max. (cURus)	10 AWG	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus)	20 AWG	Conductor size Factory wiring min. (cURus)	20 AWG
Conductor size Field wiring max. (cURus)	10 AWG		

### 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		

**Drawings**



## S2C 4 PE DL

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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.	<a href="#">1991920000</a>	Version	A-series, End bracket
GTIN (EAN)	4050118376722		
Qty.	50 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	ATPG 4 MI-R	Version	
Order No.	<a href="#">1991860000</a>	Version	Test adapter (terminal), 1.5 mm <sup>2</sup> , 250 V, 0.2 A
GTIN (EAN)	4050118376661		
Qty.	50 ST		
Type	ATPG 1.5-10 L	Version	
Order No.	<a href="#">1991890000</a>	Version	Test adapter (terminal), 1.5 mm <sup>2</sup> , 250 V, 0.2 A
GTIN (EAN)	4050118376647		
Qty.	50 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.

## S2C 4 PE DL

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## Accessories

## General ordering data

Type	ZQV 4N/10	Version
Order No.	<a href="#">1528090000</a>	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:
GTIN (EAN)	4050118332896	10, Pitch in mm (P): 6.10, Insulated: Yes, Width: 58.7 mm
Qty.	20 ST	
Type	ZQV 4N/10 BL	Version
Order No.	<a href="#">1528230000</a>	Cross-connector (terminal), Plugged, blue, 32 A, Number of poles: 10,
GTIN (EAN)	4050118333138	Pitch in mm (P): 6.10, Insulated: Yes, Width: 58.7 mm
Qty.	20 ST	
Type	ZQV 4N/2	Version
Order No.	<a href="#">1527930000</a>	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:
GTIN (EAN)	4050118332766	2, Pitch in mm (P): 6.10, Insulated: Yes, Width: 9.9 mm
Qty.	60 ST	
Type	ZQV 4N/2 BL	Version
Order No.	<a href="#">1528040000</a>	Cross-connector (terminal), Plugged, blue, 32 A, Number of poles: 2,
GTIN (EAN)	4050118332773	Pitch in mm (P): 6.10, Insulated: Yes, Width: 9.9 mm
Qty.	60 ST	
Type	ZQV 4N/3	Version
Order No.	<a href="#">1527940000</a>	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:
GTIN (EAN)	4050118332865	3, Pitch in mm (P): 6.10, Insulated: Yes, Width: 16 mm
Qty.	60 ST	
Type	ZQV 4N/3 BL	Version
Order No.	<a href="#">1528080000</a>	Cross-connector (terminal), Plugged, blue, 32 A, Number of poles: 3,
GTIN (EAN)	4050118333008	Pitch in mm (P): 6.10, Insulated: Yes, Width: 16 mm
Qty.	60 ST	
Type	ZQV 4N/4	Version
Order No.	<a href="#">1527970000</a>	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:
GTIN (EAN)	4050118332889	4, Pitch in mm (P): 6.10, Insulated: Yes, Width: 22.1 mm
Qty.	60 ST	
Type	ZQV 4N/4 BL	Version
Order No.	<a href="#">1528120000</a>	Cross-connector (terminal), Plugged, blue, 32 A, Number of poles: 4,
GTIN (EAN)	4050118332872	Pitch in mm (P): 6.10, Insulated: Yes, Width: 22.1 mm
Qty.	60 ST	
Type	ZQV 4N/5	Version
Order No.	<a href="#">1527980000</a>	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:
GTIN (EAN)	4050118332759	5, Pitch in mm (P): 6.10, Insulated: Yes, Width: 28.2 mm
Qty.	60 ST	
Type	ZQV 4N/5 BL	Version
Order No.	<a href="#">1528140000</a>	Cross-connector (terminal), Plugged, blue, 32 A, Number of poles: 5,
GTIN (EAN)	4050118333015	Pitch in mm (P): 6.10, Insulated: Yes, Width: 28.2 mm
Qty.	60 ST	
Type	ZQV 4N/50	Version
Order No.	<a href="#">1528130000</a>	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:
GTIN (EAN)	4050118332902	50, Pitch in mm (P): 6.10, Insulated: Yes, Width: 303.7 mm
Qty.	5 ST	
Type	ZQV 4N/50 BL	Version
Order No.	<a href="#">1528240000</a>	Cross-connector (terminal), Plugged, blue, 32 A, Number of poles: 50,
GTIN (EAN)	4050118333121	Pitch in mm (P): 6.10, Insulated: Yes, Width: 303.7 mm
Qty.	5 ST	
Type	ZQV 4N/6	Version
Order No.	<a href="#">1527990000</a>	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:
GTIN (EAN)	4050118332919	6, Pitch in mm (P): 6.10, Insulated: Yes, Width: 34.3 mm
Qty.	20 ST	

## S2C 4 PE DL

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## Accessories

Type	ZQV 4N/6 BL	Version
Order No.	<a href="#">1528170000</a>	Cross-connector (terminal), Plugged, blue, 32 A, Number of poles: 6,
GTIN (EAN)	4050118332926	Pitch in mm (P): 6.10, Insulated: Yes, Width: 34.3 mm
Qty.	20 ST	
Type	ZQV 4N/7	Version
Order No.	<a href="#">1528020000</a>	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:
GTIN (EAN)	4050118332780	7, Pitch in mm (P): 6.10, Insulated: Yes, Width: 40.4 mm
Qty.	20 ST	
Type	ZQV 4N/7 BL	Version
Order No.	<a href="#">1528180000</a>	Cross-connector (terminal), Plugged, blue, 32 A, Number of poles: 7,
GTIN (EAN)	4050118333114	Pitch in mm (P): 6.10, Insulated: Yes, Width: 40.4 mm
Qty.	20 ST	
Type	ZQV 4N/8	Version
Order No.	<a href="#">1528030000</a>	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:
GTIN (EAN)	4050118332841	8, Pitch in mm (P): 6.10, Insulated: Yes, Width: 46.5 mm
Qty.	20 ST	
Type	ZQV 4N/8 BL	Version
Order No.	<a href="#">1528190000</a>	Cross-connector (terminal), Plugged, blue, 32 A, Number of poles: 8,
GTIN (EAN)	4050118332858	Pitch in mm (P): 6.10, Insulated: Yes, Width: 46.5 mm
Qty.	20 ST	
Type	ZQV 4N/9	Version
Order No.	<a href="#">1528070000</a>	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:
GTIN (EAN)	4050118332797	9, Pitch in mm (P): 6.10, Insulated: Yes, Width: 52.6 mm
Qty.	20 ST	
Type	ZQV 4N/9 BL	Version
Order No.	<a href="#">1528220000</a>	Cross-connector (terminal), Plugged, blue, 32 A, Number of poles: 9,
GTIN (EAN)	4050118333107	Pitch in mm (P): 6.10, Insulated: Yes, Width: 52.6 mm
Qty.	20 ST	

## Accessories

Accessories for testing and measuring equipment



## General ordering data

Type	ZUB MULTIMETER	Version
Order No.	<a href="#">9205270000</a>	Multimeter
GTIN (EAN)	4032248723522	
Qty.	1 ST	

## S2C 4 PE DL

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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 BK	Version	
Order No.	<a href="#">2475310000</a>	Version	A-series, End bracket
GTIN (EAN)	4050118487114		
Qty.	50 ST		

## Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

## General ordering data

Type	BZT 1 WS 10/5	Version	
Order No.	<a href="#">1805490000</a>	Version	Accessories, Marker holder
GTIN (EAN)	4032248270231		
Qty.	100 ST		
Type	BZT 1 ZA WS 10/5	Version	
Order No.	<a href="#">1805520000</a>	Version	Accessories, Marker holder
GTIN (EAN)	4032248270248		
Qty.	100 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.

## S2C 4 PE DL

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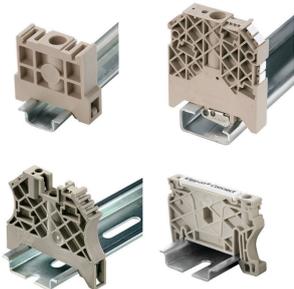
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## Accessories

## General ordering data

Type	APP 2	Version
Order No.	<a href="#">2489090000</a>	A-series, Partition plate
GTIN (EAN)	4050118499308	
Qty.	50 ST	

## End bracket



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## General ordering data

Type	AEB 35 SCL/1 V0	Version
Order No.	<a href="#">2661280000</a>	A-series, End bracket
GTIN (EAN)	4050118702163	
Qty.	20 ST	
Type	AEB 35 SCL/1 V0 BK	Version
Order No.	<a href="#">2661300000</a>	A-series, End bracket
GTIN (EAN)	4050118702187	
Qty.	20 ST	
Type	AEB 35 SCL/1 V0 GY	Version
Order No.	<a href="#">2661290000</a>	A-series, End bracket
GTIN (EAN)	4050118702170	
Qty.	20 ST	

## End plates and partition plates



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## General ordering data

Type	AEP 4C 4 OR	Version
Order No.	<a href="#">2051920000</a>	A-series, End plate
GTIN (EAN)	4050118412000	
Qty.	20 ST	

## S2C 4 PE DL

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

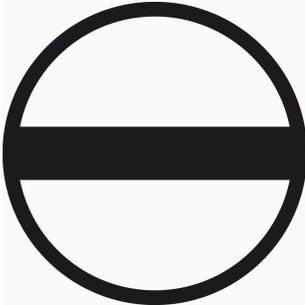
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## Accessories

## Slotted screwdriver



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900, IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

## General ordering data

Type	SDIS SLIM 0.6X3.5X100	Version	
Order No.	<a href="#">2749610000</a>	Mounting tool, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade thickness (A): 0.6 mm	
GTIN (EAN)	4050118896350		
Qty.	1 ST		

## End plates and partition plates



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## General ordering data

Type	SEP 2C 4	Version	
Order No.	<a href="#">2874790000</a>	End plate for terminals, dark beige, Height: 60.3 mm, Width: 2 mm, V-0, Wemid, Snap-on: Yes	
GTIN (EAN)	4064675649823		
Qty.	20 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.	<a href="#">1276300000</a>	Plug (terminal), Plug-in connection, 2 mm <sup>2</sup> , Number of connections: 2, Number of poles: 1, Width: 9 mm	
GTIN (EAN)	4008190026080		
Qty.	20 ST		