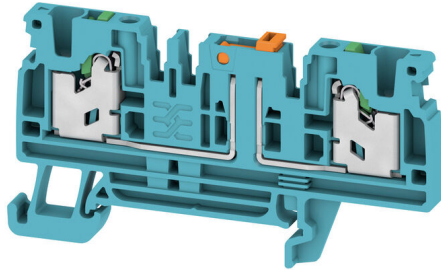


SDT 2.5 2C BL**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
D-32758 Detmold
Germany

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In some applications it makes sense to add a test point or a disconnect element to the feed through terminal for testing and safety purposes. With test disconnect terminals you measure electric circuits in the absence of voltage. While the disconnecting points clearance and creepage distance is not assessed in dimensional terms, the specified rated impulse voltage strength must be proven.

General ordering data

Version	Test-disconnect terminal, SNAP IN, blue, 2.5 mm ² , 20 A, 500 V, Number of connections: 2, Number of levels: 1
Order No.	2974130000
Type	SDT 2.5 2C BL
GTIN (EAN)	4099986801509
Qty.	50 items

Technical data

Approvals

Approvals

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

Dimensions and weights

Depth	37.65 mm	Depth (inches)	1.4823 inch
Height	77.5 mm	Height (inches)	3.0512 inch
Width	5.1 mm	Width (inches)	0.2008 inch
Net weight	10.69 g		

Temperatures

Ambient temperature	-60 °C...85 °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	orange	UL 94 flammability rating	V-0

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV24ATEX9191U	Certificate No. (IECEx)	IECExTUR24.0071U
Max. voltage (ATEX)	550 V	Current (ATEX)	19 A
Wire cross section max. (ATEX)	2.5 mm ²	Max. voltage (IECEx)	550 V
Current (IECEx)	19 A		

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	Snap-on	Yes
Explosion-tested version	No	Type of mounting	Snap-on

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 14
Connection direction	top	Stripping length	10 mm

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Technical data

Type of connection 2	SNAP IN	Type of connection	SNAP IN
Number of connections	2	Clamping range, max.	4 mm ²
Clamping range, min.	0.34 mm ²	Blade size	0.6 x 3.5 mm
Wire connection cross section AWG, min.	AWG 22	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.34 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.34 mm ²	Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross section, finely stranded, min.	0.34 mm ²	Connection cross-section, stranded, max.	2.5 mm ²
Connection cross-section, stranded, min.	0.34 mm ²	Wire connection cross-section, solid core, max.	2.5 mm ²
Wire connection cross-section, solid core, min.	0.34 mm ²	Connection cross-section, finely stranded, max.	2.5 mm ²
Connection cross-section, finely stranded, min.	0.34 mm ²		

General

Wire connection cross section AWG, max.	AWG 14	Wire connection cross section AWG, min.	AWG 22
Standards	IEC 60947-7-1	Mounting rail	TS 35

Rating data

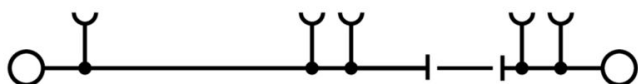
Rated cross-section	2.5 mm ²	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	20 A
Current at maximum wires	20 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage	6 kV
Surge voltage category	III	Pollution severity	3

UL rating data

Voltage size B (cURus)	300 V	Voltage size D (cURus)	600 V
Wire cross section max. (cURus)	12 AWG	Certificate No. (cURus)	E60693
Wire cross section min. (cURus)	22 AWG	Current size B (cURus)	20 A
Voltage size C (cURus)	300 V	Current size C (cURus)	20 A
Current size D (cURus)	5 A		

Classifications

ETIM 8.0	EC000902	ETIM 9.0	EC000902
ETIM 10.0	EC000902	ECLASS 14.0	27-25-01-09
ECLASS 15.0	27-25-01-09		



SDT 2.5 2C BL

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Klingenbergstraße 26

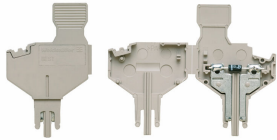
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Accessories

Component plugs

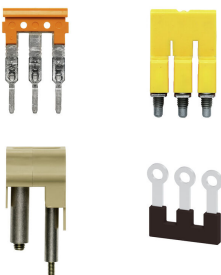


The component plug is used to integrate an electrical component in a disconnect terminal block. After soldering the electronic component, the plug can be integrated into the disconnection area of our disconnect terminal blocks and thus changes the disconnect terminal block into a modular terminal block with integrated electronic component.

General ordering data

Type	BEST	Version
GTIN (EAN)	1833100000	
Qty.	50 ST	
Type	BEST/D	Version
GTIN (EAN)	1878560000	
Qty.	50 ST	
Type	BEST/DRBR	Version
GTIN (EAN)	1878570000	
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.

General ordering data

Type	ZQV 2.5N/10	Version
GTIN (EAN)	1527690000	
Qty.	20 ST	
Type	ZQV 2.5N/10 BK	Version
GTIN (EAN)	2831750000	
Qty.	20 ST	
Type	ZQV 2.5N/10 BL	Version
GTIN (EAN)	1527880000	
Qty.	20 ST	

SDT 2.5 2C BL

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Accessories

Type	ZQV 2.5N/10 RD 2108910000	Version
GTIN (EAN)		
Qty.	20 ST	
Type	ZQV 2.5N/10 WT 2831640000	Version
GTIN (EAN)		
Qty.	20 ST	
Type	ZQV 2.5N/2 1527540000	Version
GTIN (EAN)		
Qty.	60 ST	
Type	ZQV 2.5N/2 BK 2831670000	Version
GTIN (EAN)		
Qty.	60 ST	
Type	ZQV 2.5N/2 BL 1527740000	Version
GTIN (EAN)		
Qty.	60 ST	
Type	ZQV 2.5N/2 RD 2108470000	Version
GTIN (EAN)		
Qty.	60 ST	
Type	ZQV 2.5N/2 WT 2831560000	Version
GTIN (EAN)		
Qty.	60 ST	
Type	ZQV 2.5N/20 1527720000	Version
GTIN (EAN)		
Qty.	20 ST	
Type	ZQV 2.5N/20 BK 2831760000	Version
GTIN (EAN)		
Qty.	20 ST	
Type	ZQV 2.5N/20 BL 1527890000	Version
GTIN (EAN)		
Qty.	20 ST	
Type	ZQV 2.5N/20 RD 2108920000	Version
GTIN (EAN)		
Qty.	20 ST	
Type	ZQV 2.5N/20 WT 2831650000	Version
GTIN (EAN)		
Qty.	20 ST	
Type	ZQV 2.5N/3 1527570000	Version
GTIN (EAN)		
Qty.	60 ST	

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Accessories

Type	ZQV 2.5N/3 BK 2831680000	Version
GTIN (EAN)		
Qty.	60 ST	
Type	ZQV 2.5N/3 BL 1527770000	Version
GTIN (EAN)		
Qty.	60 ST	
Type	ZQV 2.5N/3 RD 2108690000	Version
GTIN (EAN)		
Qty.	60 ST	
Type	ZQV 2.5N/3 WT 2831570000	Version
GTIN (EAN)		
Qty.	60 ST	
Type	ZQV 2.5N/4 1527590000	Version
GTIN (EAN)		
Qty.	60 ST	
Type	ZQV 2.5N/4 BK 2831690000	Version
GTIN (EAN)		
Qty.	60 ST	
Type	ZQV 2.5N/4 BL 1527780000	Version
GTIN (EAN)		
Qty.	60 ST	
Type	ZQV 2.5N/4 RD 2108700000	Version
GTIN (EAN)		
Qty.	60 ST	
Type	ZQV 2.5N/4 WT 2831580000	Version
GTIN (EAN)		
Qty.	60 ST	
Type	ZQV 2.5N/5 1527620000	Version
GTIN (EAN)		
Qty.	20 ST	
Type	ZQV 2.5N/5 BK 2831700000	Version
GTIN (EAN)		
Qty.	20 ST	
Type	ZQV 2.5N/5 BL 1527790000	Version
GTIN (EAN)		
Qty.	20 ST	
Type	ZQV 2.5N/5 RD 2108710000	Version
GTIN (EAN)		
Qty.	20 ST	

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Accessories

Type	ZQV 2.5N/5 WT 2831590000	Version
GTIN (EAN)		
Qty.	20 ST	
Type	ZQV 2.5N/50 1527730000	Version
GTIN (EAN)		
Qty.	5 ST	
Type	ZQV 2.5N/50 BK 2831770000	Version
GTIN (EAN)		
Qty.	5 ST	
Type	ZQV 2.5N/50 BL 1527920000	Version
GTIN (EAN)		
Qty.	5 ST	
Type	ZQV 2.5N/50 RD 2109000000	Version
GTIN (EAN)		
Qty.	5 ST	
Type	ZQV 2.5N/50 WT 2831660000	Version
GTIN (EAN)		
Qty.	5 ST	
Type	ZQV 2.5N/6 1527630000	Version
GTIN (EAN)		
Qty.	20 ST	
Type	ZQV 2.5N/6 BK 2831710000	Version
GTIN (EAN)		
Qty.	20 ST	
Type	ZQV 2.5N/6 BL 1527820000	Version
GTIN (EAN)		
Qty.	20 ST	
Type	ZQV 2.5N/6 RD 2108720000	Version
GTIN (EAN)		
Qty.	20 ST	
Type	ZQV 2.5N/6 WT 2831600000	Version
GTIN (EAN)		
Qty.	20 ST	
Type	ZQV 2.5N/7 1527640000	Version
GTIN (EAN)		
Qty.	20 ST	
Type	ZQV 2.5N/7 BK 2831720000	Version
GTIN (EAN)		
Qty.	20 ST	

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Accessories

Type	ZQV 2.5N/7 BL	Version
GTIN (EAN)	1527830000	
Qty.	20 ST	
Type	ZQV 2.5N/7 RD	Version
GTIN (EAN)	2108810000	
Qty.	20 ST	
Type	ZQV 2.5N/7 WT	Version
GTIN (EAN)	2831610000	
Qty.	20 ST	
Type	ZQV 2.5N/8	Version
GTIN (EAN)	1527670000	
Qty.	20 ST	
Type	ZQV 2.5N/8 BK	Version
GTIN (EAN)	2831730000	
Qty.	20 ST	
Type	ZQV 2.5N/8 BL	Version
GTIN (EAN)	1527840000	
Qty.	20 ST	
Type	ZQV 2.5N/8 WT	Version
GTIN (EAN)	2831620000	
Qty.	20 ST	
Type	ZQV 2.5N/8 RD	Version
GTIN (EAN)	2108870000	
Qty.	20 ST	
Type	ZQV 2.5N/9	Version
GTIN (EAN)	1527680000	
Qty.	20 ST	
Type	ZQV 2.5N/9 BK	Version
GTIN (EAN)	2831740000	
Qty.	20 ST	
Type	ZQV 2.5N/9 BL	Version
GTIN (EAN)	1527870000	
Qty.	20 ST	
Type	ZQV 2.5N/9 RD	Version
GTIN (EAN)	2108900000	
Qty.	20 ST	
Type	ZQV 2.5N/9 WT	Version
GTIN (EAN)	2831630000	
Qty.	20 ST	

SDT 2.5 2C BL

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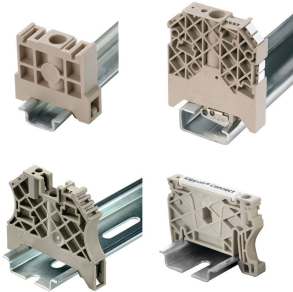
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Accessories

End bracket

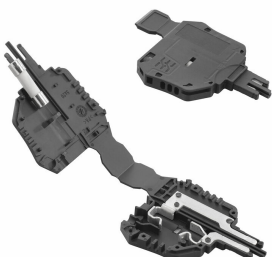


Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	AEB 35 SC/1	Version
GTIN (EAN)	1991920000	
Qty.	50 ST	
Type	AEB 35 SC/1 BK	Version
GTIN (EAN)	2475310000	
Qty.	50 ST	
Type	AEB 35 SC/1 RM	Version
GTIN (EAN)	3112300000	
Qty.	50 ST	
Type	AEB 35 SCL/1 RM	Version
GTIN (EAN)	3112310000	
Qty.	20 ST	
Type	AEB 35 SCL/1 V0	Version
GTIN (EAN)	2661280000	
Qty.	20 ST	
Type	AEB 35 SCL/1 V0 BK	Version
GTIN (EAN)	2661300000	
Qty.	20 ST	
Type	AEB 35 SCL/1 V0 GY	Version
GTIN (EAN)	2661290000	
Qty.	20 ST	

Fuse holder



The fuse holder SIHA quickly turns a disconnect terminal into a fuse terminal: simply remove the disconnect lever and attach the fuse unit.

SDT 2.5 2C BL

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Accessories

General ordering data

Type	SIHA 3/G20 7926190000	Version
GTIN (EAN)		
Qty.	1000 ST	
Type	SIHA 3/G20 7921560000	Version
GTIN (EAN)		
Qty.	25 ST	
Type	SIHA 3/G20 BL 1004260000	Version
GTIN (EAN)		
Qty.	25 ST	
Type	SIHA 3/G20/LD 10-36V 7921570000	Version
GTIN (EAN)		
Qty.	25 ST	
Type	SIHA 3/G20/LD 10-36V BL 1005250000	Version
GTIN (EAN)		
Qty.	25 ST	
Type	SIHA 3/G20/LD 140-250V 7921600000	Version
GTIN (EAN)		
Qty.	25 ST	
Type	SIHA 3/G20/LD 35-70V 7921580000	Version
GTIN (EAN)		
Qty.	25 ST	
Type	SIHA 3/G20/LD 60-150V 7921590000	Version
GTIN (EAN)		
Qty.	25 ST	

Disconnect plugs



In contrast to the terminal blocks with integrated disconnect lever, our disconnect plugs can be completely detached or removed from the terminal block and the respective application and offer a flexible alternative solution to our standard disconnectors.

General ordering data

Type	DTLE 2.5/4 2910530000	Version
GTIN (EAN)		
Qty.	25 ST	

SDT 2.5 2C BL

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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 5/5 MC NE BL 1609801693	Version
GTIN (EAN)		
Qty.	1000 ST	
Type	DEK 5/5 MC NE BR 1249870000	Version
GTIN (EAN)		
Qty.	1000 ST	
Type	DEK 5/5 MC NE GE 1609801687	Version
GTIN (EAN)		
Qty.	1000 ST	
Type	DEK 5/5 MC NE GN 1609801688	Version
GTIN (EAN)		
Qty.	1000 ST	
Type	DEK 5/5 MC NE GR 1609801691	Version
GTIN (EAN)		
Qty.	1000 ST	
Type	DEK 5/5 MC NE OR 1238340000	Version
GTIN (EAN)		
Qty.	1000 ST	
Type	DEK 5/5 MC NE RT 1609801686	Version
GTIN (EAN)		
Qty.	1000 ST	
Type	DEK 5/5 MC NE SW 1457550000	Version
GTIN (EAN)		
Qty.	1000 ST	
Type	DEK 5/5 MC NE WS 1609801044	Version
GTIN (EAN)		
Qty.	1000 ST	

SDT 2.5 2C BL

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Accessories

Type	DEK 5/5 MC NE VI	Version
GTIN (EAN)	1249860000	
Qty.	1000 ST	
Type	DEK 5/5 S MC NE WS	Version
GTIN (EAN)	1341620000	
Qty.	400 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

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 5/5 MC SDR	Version
GTIN (EAN)	1609810000	
Qty.	200 ST	
Type	DEK 5/5 PLUS MC SDR	Version
GTIN (EAN)	1854500000	
Qty.	200 ST	
Type	DEK 5/5 S MC SDR	Version
GTIN (EAN)	1341590000	
Qty.	80 ST	

SDT 2.5 2C BL

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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

Type	WS 8/5 MC NE BL	Version
	1773521693	
GTIN (EAN)		
Qty.	720 ST	
Type	WS 8/5 MC NE GE	Version
	1773521687	
GTIN (EAN)		
Qty.	720 ST	
Type	WS 8/5 MC NE OR	Version
	1773521690	
GTIN (EAN)		
Qty.	720 ST	
Type	WS 8/5 MC NE RT	Version
	1773521686	
GTIN (EAN)		
Qty.	720 ST	
Type	WS 8/5 MC NE WS	Version
	1640740000	
GTIN (EAN)		
Qty.	720 ST	
Type	WS 8/5 PLUS MC NE WS	Version
	1951870000	
GTIN (EAN)		
Qty.	600 ST	

Accessories

DEK 5/5



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.

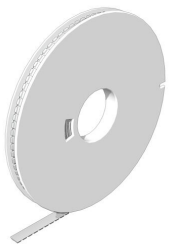
Your benefits with MultiMark

- 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	DEK 5/5 MM BP WS	Version
GTIN (EAN)	2619770000	
Qty.	10000 ST	
Type	DEK 5/5 MM WS	Version
GTIN (EAN)	2007110000	
Qty.	800 ST	

WS 8/5



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

SDT 2.5 2C BL

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Accessories

General ordering data

Type	WS 8/5 MM BP WS	Version
	2619810000	
GTIN (EAN)		
Qty.	8000 ST	
Type	WS 8/5 MM WS	Version
	2007150000	
GTIN (EAN)		
Qty.	800 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	SEP 3C 2.5	Version
	2751090000	
GTIN (EAN)		
Qty.	20 ST	

Disconnect plugs



In contrast to the terminal blocks with integrated disconnect lever, our disconnect plugs can be completely detached or removed from the terminal block and the respective application and offer a flexible alternative solution to our standard disconnectors.

General ordering data

Type	AFTC	Version
	2863420000	
GTIN (EAN)		
Qty.	50 ST	

SDT 2.5 2C BL**Weidmüller Interface GmbH & Co. KG**

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www.weidmueller.com**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	FZS 2/4 RT/80 SAKT4 1276300000	Version	
GTIN (EAN)			
Qty.	20 ST		