WDTR 2.5 O.STB BL

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, Screw connection, blue, 2.5 mm², 17 A, 500 V, Number of connections: 4, Number of levels: 2
Order No.	2910900000
Type	WDTR 2.5 O.STB BL
GTIN (EAN)	4099986531253
Qty.	25 items

Creation date 01.12.2025 03:29:11 MEZ

WDTR 2.5 O.STB BL

Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Dimensions and weights

Depth	65 mm	Depth (inches)	2.5591 inch
Height	94 mm	Height (inches)	3.7008 inch
Width	6.15 mm	Width (inches)	0.2421 inch
Net weight	22.72 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °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
UL 94 flammability rating	V-0		

System specifications

End cover plate required	No	Number of potentials	2
Number of levels	2	Number of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 32, TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

Open sides	closed	Explosion-tested version	No
Type of mounting	Snap-on		

CSA rating data

Conductor size Factory wiring min. (CSA)	26 AWG	Conductor size Field wiring max. (CSA)	12 AWG
Certificate No. (CSA)	12400-377	Voltage size B (CSA)	300 V
Conductor size Factory wiring max. (CSA)	12 AWG	Conductor size Field wiring min. (CSA)	26 AWG
Current size B (CSA)	17 A	Voltage size D (CSA)	300 V
Current size D (CSA)	10 A		

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection

WDTR 2.5 O.STB BL

Technical data

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 12
Connection direction	on side	Tightening torque, max.	0.6 Nm
Tightening torque, min.	0.5 Nm	Stripping length	8 mm
Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	4	Clamping range, max.	4 mm²
Clamping range, min.	0.05 mm²	Blade size	0.6 x 3.5 mm
Wire connection cross section AWG, min.	AWG 30	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.05 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.05 mm²	Wire connection cross section, finely stranded, max.	2.5 mm²
Wire connection cross section, finely stranded, min.	0.05 mm²	Connection cross-section, stranded, max.	4 mm²
Connection cross-section, stranded, min.	0.05 mm²	Wire connection cross-section, solid core, max.	4 mm²
Wire connection cross-section, solid core, min.	0.05 mm²	Connection cross-section, finely stranded, min.	0.05 mm²

General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 30
Standards	IEC 60947-7-1	Mounting rail	TS 32, TS 35

Rating data

Rated cross-section	2.5 mm²	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	17 A
Current at maximum wires	17 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	0.77 W	Surge voltage category	III
Pollution severity	3		

UL rating data

|			
Conductor size Factory wiring max. (cURus)	12 AWG	Voltage size B (cURus)	300 V
Voltage size D (cURus)	300 V	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus)	30 AWG	Conductor size Factory wiring min. (cURus)	30 AWG
Current size B (cURus)	20 A	Voltage size C (cURus)	150 V
Current size C (cURus)	20 A	Current size D (cURus)	10 A
Conductor size Field wiring max. (cURus)	12 AWG		

Classifications

ETIM 6.0	EC000902	ETIM 7.0	EC000902
ETIM 8.0	EC000902	ETIM 9.0	EC000902
ETIM 10.0	EC000902	ECLASS 9.0	27-14-11-26
ECLASS 9.1	27-14-11-26	ECLASS 10.0	27-14-11-26

Creation date 01.12.2025 03:29:11 MEZ

Technical data

ECLASS 11.0	27-14-11-26	ECLASS 12.0	27-14-11-26
ECLASS 13.0	27-25-01-09	ECLASS 14.0	27-25-01-09
ECLASS 15.0	27-25-01-09		
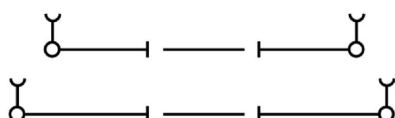
WDTR 2.5 O.STB BL

Drawings

Weidmüller

Accessories

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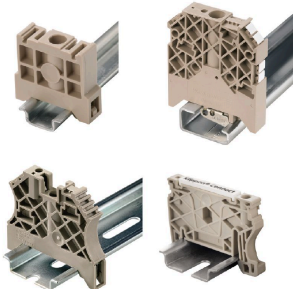
Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	WEW 35/1	Version	
Order No.	1059000000	End bracket, dark beige, TS 35, V-2, Wemid, Width: 12 mm, 100 ℃	
GTIN (EAN)	4008190172282		
Qty.	50 ST		

Slotted screwdriver

VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

General ordering data

Type	SDIZ 0.6X3.5X100	Version	
Order No.	9008450000	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade	
GTIN (EAN)	4032248056446	thickness (A): 0.6 mm	
Qty.	1 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.

WDTR 2.5 O.STB BL

Accessories

General ordering data

Type	DEK 5/6 MC NE WS	Version	
Order No.	1609820000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00	
GTIN (EAN)	4008190203436	Weidmueller, white	
Qty.	1000 ST		
Type	WS 8/5 MC NE WS	Version	
Order No.	1640740000	WS, Terminal marker, 8 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,	
GTIN (EAN)	4008190279103	Allen-Bradley, white	
Qty.	720 ST		

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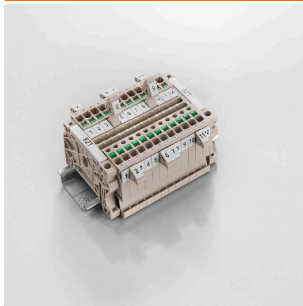
The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snaped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found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

General ordering data

Type	BZT 1 WS 10/5	Version	
Order No.	1805490000	Accessories, Marker holder	
GTIN (EAN)	4032248270231		
Qty.	100 ST		
Type	BZT 1 ZA WS 10/5	Version	
Order No.	1805520000	Accessories, Marker holder	
GTIN (EAN)	4032248270248		
Qty.	100 ST		

BE6.3 bits - slotted

1/4" hexagon drive to DIN 3126, form E6.3 for direct machine connection
Slot-head bits DIN 5264, 1/4" drive, E6.3 DIN 3126

General ordering data

Type	BIT E6.3Z 0.6X3.5X70	Version	
Order No.	9205670000	Accessories, Screwdriver insert	
GTIN (EAN)	4032248772971		
Qty.	5 ST		

Creation date 01.12.2025 03:29:11 MEZ

Accessories

DEK 5/6

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 5/6 MM WS	Version	
Order No.	2007120000	Dekafix, Terminal marker, 5 x 6 mm, Weidmueller, white	
GTIN (EAN)	4050118392104		
Qty.	600 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

General ordering data

Type	WS 8/5 MM WS	Version	
Order No.	2007150000	WS, Terminal marker, 8 x 5 mm, Weidmueller, white	
GTIN (EAN)	4050118392029		
Qty.	800 ST		

WDTR 2.5 O.STB BL

## 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	PS 2.3 RT	Version
Order No.	0180400000	Test adapter (terminal), 230 V, 20 mA
GTIN (EAN)	4008190060121	
Qty.	20 ST	

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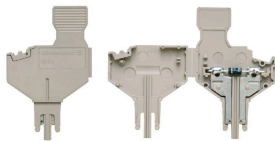
The component plug is used to integrate an electrical component in a disconnect terminal block. After soldering the electronic component, the plug can be integrated into the disconnection area of our disconnect terminal blocks and thus changes the disconnect terminal block into a modular terminal block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

General ordering data

Type	BEST	Version
Order No.	1833100000	Accessories, Component plug
GTIN (EAN)	4032248501014	
Qty.	50 ST	
Type	BEST/D	Version
Order No.	1878560000	Accessories, Component plug, 1 A
GTIN (EAN)	4032248471492	
Qty.	50 ST	
Type	BEST/DRBR	Version
Order No.	1878570000	Accessories, Component plug, 22 A
GTIN (EAN)	4032248471508	
Qty.	50 ST	

WDTR 2.5 O.STB BL

Accessories

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.

General ordering data

Type	SIHA 3/G20	Version
Order No.	7921560000	Fuse holder for feed-through modular terminal, black, 6.3 A,
GTIN (EAN)	4032248264643	pluggable, V-0, Wemid
Qty.	25 ST	

Type	SIHA 3/G20/LD 60-150V	Version
Order No.	7921590000	Fuse holder for feed-through modular terminal, black, 2.31 mA,
GTIN (EAN)	4032248322626	pluggable, V-0, Wemid
Qty.	25 ST	

Type	SIHA 3/G20/LD 35-70V	Version
Order No.	7921580000	Fuse holder for feed-through modular terminal, black, 2.31 mA,
GTIN (EAN)	4032248322619	pluggable, V-0, Wemid
Qty.	25 ST	

Type	SIHA 3/G20/LD 140-250V	Version
Order No.	7921600000	Fuse holder for feed-through modular terminal, black, 2.31 mA,
GTIN (EAN)	4032248322633	pluggable, V-0, Wemid
Qty.	25 ST	

Type	SIHA 3/G20/LD 10-36V BL	Version
Order No.	1005250000	Fuse holder for feed-through modular terminal, blue, 2.31 A,
GTIN (EAN)	4032248712038	pluggable, V-0, Wemid
Qty.	25 ST	

Type	SIHA 3/G20/LD 10-36V	Version
Order No.	7921570000	Fuse holder for feed-through modular terminal, black, 2.31 mA,
GTIN (EAN)	4032248322503	pluggable, V-0, Wemid
Qty.	25 ST	

Type	SIHA 3/G20 BL	Version
Order No.	1004260000	Fuse holder for feed-through modular terminal, blue, 6.3 A, pluggable,
GTIN (EAN)	4032248709717	V-0, Wemid
Qty.	25 ST	

Type	SIHA 3/G20	Version
Order No.	7926190000	Fuse holder for feed-through modular terminal, black, 6.3 A,
GTIN (EAN)	4032248264612	pluggable, V-0, Wemid
Qty.	1000 ST	

WDTR 2.5 O.STB BL

Accessories

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	Version	
Order No.	2910530000	Locking element (terminal), Wemid, red	
GTIN (EAN)	4099986519466		
Qty.	25 ST		