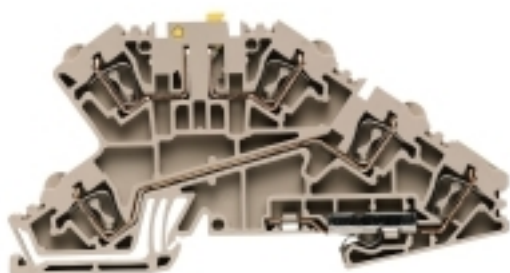


ZDL 2.5/TR/DU/PE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****General ordering data**

Version	Test-disconnect terminal, Tension-clamp connection, 2.5 mm ² , 400 V, 20 A, Pivoting, dark beige
Order No.	1743180000
Type	ZDL 2.5/TR/DU/PE
GTIN (EAN)	4008190978846
Qty.	50 pc(s).

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Technical data**Dimensions and weights**

Depth	49.5 mm	Depth (inches)	1.949 inch
Height	95 mm	Height (inches)	3.74 inch
Width	5.1 mm	Width (inches)	0.201 inch
Net weight	14.8 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50
Continuous operating temp., max.	120		

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Tension-clamp connection, Spacer, With PE connection, for plug-in cross-connector, One end without connector	End cover plate required	Yes
Number of potentials	3	Number of levels	3
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Rail	TS 35	N-function	No
PE function	Yes	PEN function	No

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Mounting plate every 200 mm	No	Open sides	right
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	154685-1 142891	Current size D (CSA)	10 A
Voltage size D (CSA)	300 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm ²
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Technical data

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm ²
Clamping range, min.	0.13 mm ²	Gauge to IEC 60947-1	A2
Number of connections	5	Stripping length	8 mm
Type of connection	Tension-clamp connection	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross section, finely stranded, min.	0.5 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.	0.5 mm ²	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.	0.5 mm ²	Wire connection cross-section, solid core, max.	4 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

General

Installation advice	Direct mounting	Rail	TS 35
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	400 V
Rated current	20 A	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage	4 kV	Power loss in accordance with IEC 60947-7-x	0.77 W

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	26 AWG	Current size B (UR)	15 A
Current size D (UR)	10 A	Voltage size B (UR)	300 V
Voltage size D (UR)	300 V		

Classifications

ETIM 6.0	EC000902	ETIM 7.0	EC000902
ETIM 8.0	EC000902	ECLASS 9.0	27-14-11-26
ECLASS 9.1	27-14-11-26	ECLASS 10.0	27-14-11-26
ECLASS 11.0	27-14-11-26		

Approvals

Approvals



ROHS Conform

UL File Number Search E60693

Creation date January 27, 2022 12:26:31 PM CET

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

ZDL 2.5/TR/DU/PE

Weidmüller Interface GmbH & Co. KG

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Technical data

Downloads

Approval/Certificate/Document of Conformity	DE PT1102 20160418 1123 ISSUE01 CB Certificate CB Test Certificate EAC certificate
Engineering Data	CAD data – STEP
Engineering Data	EPLAN
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format

ZDL 2.5/TR/DU/PE

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Accessories

Z-Series

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	ZEW 35/2	Version
Order No.	8630740000	Z-series, End bracket
GTIN (EAN)	4032248348916	
Qty.	20 pc(s).	
Type	ZEW 35	Version
Order No.	9540000000	Z-series, End bracket
GTIN (EAN)	4008190956264	
Qty.	20 pc(s).	

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 WS	Version
Order No.	1609801044	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397111	Weidmueller, white
Qty.	1,000 pc(s).	

ZDL 2.5/TR/DU/PE

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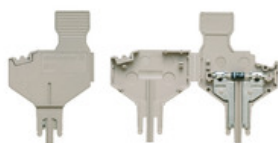
D-32758 Detmold

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

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	Accessories, Fuse holder, Rated cross-section: Plug-in connection,
GTIN (EAN)	4032248264643	Wemid, dark beige, Operating instructions/catalogue
Qty.	25 pc(s).	
Type	SIHA 3/G20/LD 140-250V	Version
Order No.	7921600000	Accessories, Fuse holder, Rated cross-section: Plug-in connection,
GTIN (EAN)	4032248322633	Wemid, dark beige, Operating instructions/catalogue
Qty.	25 pc(s).	
Type	SIHA 3/G20/LD 10-36V	Version
Order No.	7921570000	Accessories, Fuse holder, Rated cross-section: Plug-in connection,
GTIN (EAN)	4032248322503	Wemid, dark beige, Operating instructions/catalogue
Qty.	25 pc(s).	

ZDL 2.5/TR/DU/PE

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Accessories

Type	SIHA 3/G20/LD 35-70V	Version
Order No.	7921580000	Accessories, Fuse holder, Rated cross-section: Plug-in connection,
GTIN (EAN)	4032248322619	Wemid, dark beige, Operating instructions/catalogue
Qty.	25 pc(s).	
Type	SIHA 3/G20/LD 60-150V	Version
Order No.	7921590000	Accessories, Fuse holder, Rated cross-section: Plug-in connection,
GTIN (EAN)	4032248322626	Wemid, dark beige, Operating instructions/catalogue
Qty.	25 pc(s).	

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	TNST	Version
Order No.	1833090000	Accessories, Disconnect plug, 20 A
GTIN (EAN)	4032248471485	
Qty.	50 pc(s).	

2.5 mm²


2.5
mm²

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	ZAP ZDL2.5	Version
Order No.	1720910000	Z-series, End plate
GTIN (EAN)	4008190398880	
Qty.	20 pc(s).	

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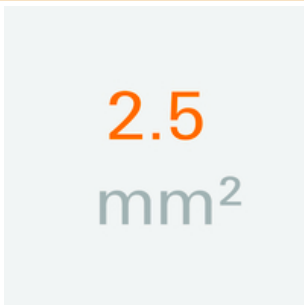
Germany

www.weidmueller.com**Accessories****Test plugs**

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	Accessories, Test plug
GTIN (EAN)	4008190060121	
Qty.	20 pc(s).	

2.5 mm²

The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions.

General ordering data

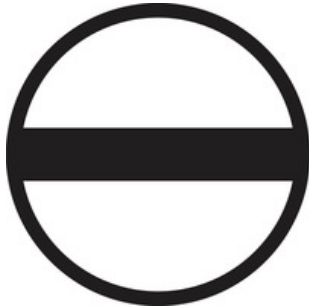
Type	ZQV 2.5N/20 GE	Version
Order No.	1909000000	Z-series, Cross-connector, 24 A
GTIN (EAN)	4032248535613	
Qty.	20 pc(s).	

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www.weidmueller.com**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.	2749610000	Mounting tool, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade
GTIN (EAN)	4050118896350	thickness (A): 0.6 mm
Qty.	1 pc(s).	

Mouser Electronics

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