



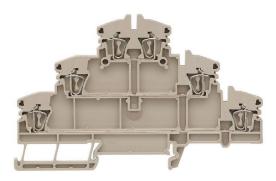
Weidmüller Interface GmbH & Co. KG

1

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Product image







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	$\label{eq:multi-tier} Multi-tier modular terminal, Tension-clamp connection, 2.5 \ mm^2, 500 \ V, 20 \ A, dark beige$
Order No.	<u>1782300000</u>
Туре	ZDLD 2.5-2N
GTIN (EAN)	4032248176526
Qty.	50 ST



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Technical data

Approvals	(E @ (71 CK	
ROHS	Conform		
UL File Number Search	<u>UL Website</u>		
Certificate No. (UR)	E60693		
Dimensions and weights			1
Donth.	69 mm	Depth (inches)	2.7165 inch
Depth Depth including DIN rail	70 mm	Height	110.5 mm
Height (inches)	4.3504 inch	Width	5.1 mm
Width (inches)	0.2008 inch	Net weight	16.8 g
Temperatures			
Storage temperature	-25 °C55 °C	Ambient temperature	-5 °C40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
Environmental Product Comp	oliance		
RoHS Compliance Status	Compliant without exemptio	n	
REACH SVHC	No SVHC above 0.1 wt%		
Material data			
Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0	Colour	dark beige
· -	V-0		
System specifications			
Version	Tension-clamp 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	Levels cross-connected internally	No
PE connection	No	Rail	TS 35
Additional technical data			
Open sides	right	Number of similar terminals	1
Installation advice	Direct mounting	Explosion-tested version	No
Type of mounting	Snap-on	Explosion tostou version	INO
CSA rating data			
Mire areas section (CCA)	12 AVA/C	Cartificate No. (CCA)	200020 122225
Wire cross section max. (CSA)	12 AWG	Certificate No. (CSA)	200039-1228250
Voltage size B (CSA)	300 V	Current size B (CSA)	15 A
Voltage size D (CSA)	300 V	Current size D (CSA)	10 A

Creation date 05.07.2025 03:55:50 MEZ

Wire cross section min. (CSA)

Catalogue status / Drawings 2

26 AWG





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Technical data

Conductors for clamping (additional connection)

Connection type, additional connection Tension-clamp connection

Conductors for clamping (rated connection)

Conductors for clamping (rate			
Gauge to IEC 60947-1	A2		
Wire connection cross section AWG,	AWG 12		
max.			
Connection direction	top		
Stripping length	10 mm		
Type of connection 2	Tension-clamp connection		
Type of connection	Tension-clamp connection		
Number of connections	6		
Clamping range, max.	2.5 mm ²		
Clamping range, min.	0.08 mm ²		
Blade size	0.6 x 3.5 mm		
Wire connection cross section AWG, min.	AWG 26		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 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, max.	2.5 mm ²		
Wire connection cross section, finely stranded, min.	0.5 mm ²		
Connection cross-section, stranded, max.	4 mm ²		
Connection cross-section, stranded, min	. 0.5 mm²		
Wire connection cross-section, solid core, max.	2.5 mm ²		
Wire connection cross-section, solid core, min.	0.5 mm ²		
Tube length for wire-end ferrule with	Tube length	min.	6 mm
plastic collar DIN 46228/4		max.	10 mm
	Cross-section for conductor connection	nominal	0.5 mm ²
	Tube length	min.	6 mm
	3	max.	10 mm
	Cross-section for conductor connection	nominal	0.75 mm ²
	Tube length	min.	6 mm
		max.	10 mm
	Cross-section for conductor connection	nominal	1 mm ²
	Tube length	min.	8 mm
		max.	10 mm
	Cross-section for conductor connection	nominal	1.5 mm ²
	Tube length	nominal	8 mm
	Cross-section for conductor connection	nominal	2.5 mm ²
Tube length for wire-end ferrule without		nominal	10 mm
plastic collar DIN 46228/1	Cross-section for conductor connection	nominal	0.5 mm ²
	Tube length	nominal	10 mm
	Cross-section for conductor connection	nominal	0.75 mm ²
	Cross-section for conductor connection	HUHHHAI	0.75 111115

Creation date 05.07.2025 03:55:50 MEZ





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Technical data

Tube length	nominal	10 mm
Cross-section for conductor connection	nominal	1 mm²
Tube length	nominal	10 mm
Cross-section for conductor connection	nominal	1.5 mm²
Tube length	nominal	10 mm
Cross-section for conductor connection	nominal	2.5 mm ²

General

Wire connection cross section AWG,	AWG 12	Installation advice	Direct mounting
max.			
Wire connection cross section AWG,	AWG 26	Standards	IEC 60947-7-1
min.			
Rail	TS 35		

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Rated DC voltage	500 V	Rated 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
Power loss in accordance with IEC 60947-7-x	0.77 W	Pollution severity	3

UL rating data

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

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20
ECLASS 13.0	27-25-01-02	ECLASS 14.0	27-25-01-02
ECLASS 15.0	27-25-01-02		

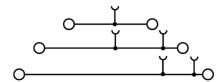


Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Drawings





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Accessories

Vertical cross-connections



A vertical connector allows to connect the two tiers of a terminal block. This allows the potential to be multiplied on several levels on a multi-tier terminal block.

General ordering data

Туре	ZVQ 2.5/1.5	Version
Order No.	<u>1720700000</u>	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190374006	
Qty.	50 ST	

2.5 mm²

2.5

 mm^2

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

	<u>-</u>	
Туре	ZQV 2.5/2	Version
Order No.	<u>1608860000</u>	Z-series, Cross-connector, 24 A
GTIN (EAN)	4008190123680	
Qty.	60 ST	
Туре	ZQV 2.5/3	Version
Order No.	<u>1608870000</u>	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190061630	
Qty.	60 ST	
Туре	ZQV 2.5/4	Version
Order No.	<u>1608880000</u>	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190082208	
Qty.	60 ST	
Туре	ZQV 2.5/5	Version
Order No.	<u>1608890000</u>	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190065713	
Qty.	20 ST	
Туре	ZQV 2.5/6	Version
Order No.	<u>1608900000</u>	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190149840	
Qty.	20 ST	

Creation date 05.07.2025 03:55:50 MEZ



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Accessories

Туре	ZQV 2.5/7	Version
	, and the second	
Order No.	<u>1608910000</u>	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190159665	
Qty.	20 ST	
Туре	ZQV 2.5/8	Version
Order No.	1608920000	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190061531	
Qty.	20 ST	
Туре	ZQV 2.5/9	Version
Order No.	1608930000	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190117009	
Qty.	20 ST	
Туре	ZQV 2.5/10	Version
Order No.	1608940000	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190099060	
Qty.	20 ST	
Туре	ZQV 2.5/20	Version
Order No.	<u>1908960000</u>	Z-series, Cross-connector, For the terminals, Number of poles: 20
GTIN (EAN)	4032248535293	
Qty.	20 ST	
Туре	ZQV 2.5/50	Version
Order No.	<u>1697540000</u>	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190883256	
Qty.	10 ST	

Z-Series

Z

Series

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the clamping point without the strands fraying. The use of a reducing sleeve centres the conductor in the entry point.

7

General ordering data

Туре	ZRH 1.5H/2	Version
Order No.	<u>1678800000</u>	Z-series, Reducing sleeve
GTIN (EAN)	4008190487317	
Qty.	1000 ST	
Туре	ZRH 1.5H/1	Version
Type Order No.	ZRH 1.5H/1 1678810000	Version Z-series, Reducing sleeve
	,	



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Accessories

2.5 mm²

2.5

 mm^2

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

Туре	ZAP/TW ZDLD2.5-2N	Version
Order No.	<u>1782340000</u>	Z-series, End plate, Partition plate
GTIN (EAN)	4032248176564	
Qty.	20 ST	
Туре	ZAP/TW ZDLD2.5-2N BL	Version
Type Order No.	ZAP/TW ZDLD2.5-2N BL 1782350000	Version Z-series, End plate, Partition plate
	· ·	

Z-Series

7

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

Туре	ZEW 35	Version
Order No.	9540000000	End bracket, dark beige, TS 35, V-2, Wemid, Width: 6 mm, 100 °C
GTIN (EAN)	4008190956264	
Qty.	20 ST	
Туре	ZEW 35/2	Version
Type Order No.	ZEW 35/2 8630740000	Version End bracket, dark beige, TS 35, V-2, Wemid, Width: 8 mm, 100 °C
	·	



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Accessories

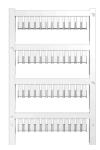
STR transparent strips



General ordering data

Туре	STR 7 F.SCHT 7	Version
Order No.	0515300000	Terminal markers, Protective cap, 27 x 6.3 mm, Transparent
GTIN (EAN)	4008190182175	
Qty.	20 ST	

Blank



ZS markers - in proven MultiCard-format - have been developed specifically for the Z-series. They have a large printing area. The hinged mechanism even allows access to cross-connectors without dismantling. Quick installation is guaranteed by the fact that the single tags are clipped on in strips. The single tags are easy to separate.

- Hinged marker area
- 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

Туре	ZS 10/5 MC NE WS	Version
Order No.	<u>1610000000</u>	ZS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190263171	Allen-Bradley, white
Qty.	480 ST	
Туре	ZS 12/6 MC NE WS	Version
Order No.	1610020000	ZS, Terminal marker, 12 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4008190444600	Allen-Bradley, white
Qty.	400 ST	
Туре	ZS 15/5 MC NE WS	Version
Order No.	1646630000	ZS, Terminal marker, 15 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190401214	Allen-Bradley, white
Qty.	480 ST	

Creation date 05.07.2025 03:55:50 MEZ



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Accessories

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

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

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

- 0	oraoring aata	
Туре	SDIS SLIM 0.6X3.5X100	Version
Order No.	<u>2749610000</u>	Mounting tool, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade
GTIN (EAN)	4050118896350	thickness (A): 0.6 mm
Qty.	1 ST	

Creation date 05.07.2025 03:55:50 MEZ