

**Z-series
ZDL 2.5 S/L/L/PE**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



Installation terminals are used for power supply and distribution in small and subdistribution boards in building installations and also in electrical cabinets.

General ordering data

Type	ZDL 2.5 S/L/L/PE
Order No.	1720810000
Version	Z-series, Installation multi-tier terminal, Rated cross-section: 2.5 mm ² , Tension clamp connection, Wemid, Dark Beige, Direct mounting
GTIN (EAN)	4008190380366
Qty.	50 pc(s).

Z-series ZDL 2.5 S/L/L/PE

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technische Daten

Dimensions and weights

Length	95 mm	Width	5.1 mm
Height of lowest version	48.5 mm	Net weight	14.04 g

Temperatures

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

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Open sides	right	Type of mounting	Snap-on
Version	3-conductor installation terminal, Tension-clamp connection, With PE connection, for plug-in cross-connector, One end without connector		

CSA ratings data

Certificate No. (CSA)	154685-1142891	Voltage size D (CSA)	300 V
Current size D (CSA)	10 A	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm ²
---	---------------------	---	---------------------

Clampable wires (rated connection)

Type of connection	Tension clamp connection	Stripping length	8 mm
Blade size	0.6 x 3.5 mm	Connection direction	Inclined / angled
Number of connections	5	Clamping range, rated connection, min.	0.13 mm ²
Clamping range, rated connection, max.	4 mm ²	Gauge to IEC 60947-1	A2
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	4 mm ²
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, rated connection, min.	0.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm ²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 12

N-conductor disconnect terminal

For N-busbar	10 x 3 mm
--------------	-----------

Z-series ZDL 2.5 S/L/L/PE

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technische Daten

Rated data

Rated cross-section	2.5 mm ²	Rated voltage	400 V
Rated impulse withstand voltage	4 kV	Rated current	24 A
Current at maximum wires	24 A	Standards	IEC 60947-7-1 (-7-2)
Pollution severity	3		

UL ratings data

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

Material data

Insulating material	Wemid	Material	Wemid
Colour	Dark Beige	UL 94 flammability rating	V-0

System specifications

Product family	Z-series	Type of connection	Tension clamp connection
Connection direction	Inclined / angled	Number of levels	2
Number of connections	5	No. of clamping points per level	2
Levels cross-connected internally	No	End cover plate required	Yes

Distribution terminals

N-function	No	Number of potentials	2
PE function	Yes		

Classifications

ETIM 3.0	EC001329	UNSPSC	30-21-18-11
eClass 5.1	27-14-11-25	eClass 6.2	27-14-11-25
eClass 7.1	27-14-11-25		

Product information

Descriptive text ordering data	Spacing between mounting plates should be 200mm.
Descriptive text technical data	2.5 mm ² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.
Descriptive text accessories	The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Approvals

Approvals



ROHS Conform