

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

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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 2.5S/NT/L/PE
Order No.	<a href="#">1720750000</a>
Version	Z-series, Installation multi-tier terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, Dark Beige, Direct mounting
GTIN (EAN)	4008190380359
Qty.	50 pc(s).

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## Technische Daten

### Dimensions and weights

Length	95 mm	Width	5.1 mm
Height of lowest version	48.5 mm	Net weight	14.94 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, with busbar connection 10x3, 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 <sup>2</sup>	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm <sup>2</sup>
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### 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 <sup>2</sup>
Clamping range, rated connection, max.	4 mm <sup>2</sup>	Gauge to IEC 60947-1	A2
Wire connection cross section, solid core, max. rated connection	0.5 mm <sup>2</sup>	Wire connection cross section, solid core max. rated connection	4 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm <sup>2</sup>
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm <sup>2</sup>
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
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## Technische Daten

### Rated data

Rated cross-section	2.5 mm <sup>2</sup>	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	Yes	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 <sup>2</sup> 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