

ZDL 2.5/N/L/PE

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image



General ordering data

Version	Z-series, Installation multi-tier terminal, Rated cross-section: 2.5 mm ² , Tension-clamp connection, dark beige, Direct mounting
Order No.	1720870000
Type	ZDL 2.5/N/L/PE
GTIN (EAN)	4008190959036
Qty.	50 pc(s).

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Technical data**Dimensions and weights**

Depth	48 mm	Depth (inches)	1.89 °C
Height	95 mm	Height (inches)	3.74 °C
Width	5.1 mm	Width (inches)	0.201 °C
Net weight	14.92 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	3-conductor installation terminal, Tension-clamp connection, 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	Yes
PE function	Yes	PEN function	No

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
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 Nm
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Technical data

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 Nm
Clamping range, min.	0.13 Nm	Connection direction	Inclined / angled
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 Nm	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 Nm
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 Nm	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 Nm
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 Nm	Wire connection cross-section, solid core, max.	4 Nm
Wire connection cross-section, solid core, min.	0.5 Nm		

General

Installation advice	Direct mounting	Rail	TS 35
Standards	IEC 60947-7-1 (-7-2)	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 26		

Rating data

Rated cross-section	2.5 Nm	Rated voltage	400 V
Rated current	24 A	Current at maximum wires	24 A
Standards	IEC 60947-7-1 (-7-2)	Volume resistance according to IEC 60947-7-x	1.33 °C
Rated impulse withstand voltage	4 kV	Power loss in accordance with IEC 60947-7-x	0.77 W
Pollution severity	3		

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	UL_current_Print	10 A
UL_voltage_Print	300 V	UL_wire_max_Print	12 A / 6 A / 10 A / 13 A / 15 A
UL_wire_min_Print	26 A / 6 A / 10 A / 13 A / 15 A	Voltage size B (UR)	300 V
Voltage size D (UR)	300 V		

Classifications

ETIM 6.0	EC001329	ETIM 7.0	EC001329
ETIM 8.0	EC001329	ECLASS 9.0	27-14-11-25
ECLASS 9.1	27-14-11-25	ECLASS 10.0	27-14-11-25
ECLASS 11.0	27-14-11-25		

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	EAC certificate
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format