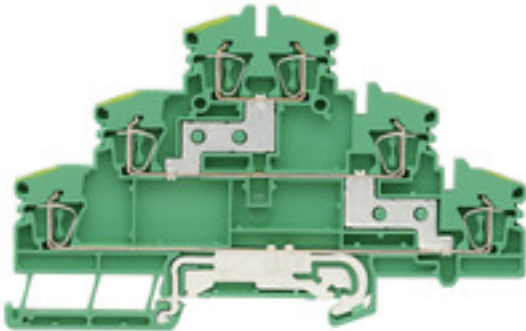


**Z-series
ZDL D 2.5-2N PE**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Product image**Spring connection with tension clamp Technology**

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

General ordering data

Type	ZDL D 2.5-2N PE
Order No.	1131740000
Version	PE terminal, Tension-clamp connection, 2.5 mm ² , 500 V, 300 A (2.5 mm ²), dark beige
GTIN (EAN)	4032248922703
Qty.	50 pc(s).

Creation date March 10, 2020 10:08:46 AM CET

Catalogue status 06.03.2020 / We reserve the right to make technical changes.

Data sheet

Z-series ZDLD 2.5-2N PE

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

Dimensions and weights

Width	5.1 mm	Width (inches)	0.201 inch
Height	110.5 mm	Height (inches)	4.35 inch
Depth	69 mm	Depth (inches)	2.717 inch
Depth including DIN rail	70 mm	Net weight	26.8 g

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Material data

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

System specifications

Version	Tension-clamp connection, With PE connection, One end without connector	Number of levels	3
Number of clamping points per level	2	Levels cross-connected internally	Yes
PE connection	Yes	Rail	TS 35
PEN function	No		

Additional technical data

Type of mounting	Snap-on
------------------	---------

CSA rating data

Certificate No. (CSA)	200039-1228250	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (rated connection)

Clamping range, max.	2.5 mm ²	Clamping range, min.	0.08 mm ²
Number of connections	6	Stripping length	10 mm
Type of connection	Tension-clamp connection		

PE rating data

Rated short-time current	300 A (2.5 mm ²)	PEN function	No
--------------------------	------------------------------	--------------	----

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Rated voltage to adjoining terminal	500 V	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Power loss in accordance with IEC 60947-7-x	0.77 W		

Creation date March 10, 2020 10:08:46 AM CET

Data sheet

**Z-series
ZDLD 2.5-2N PE**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

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	Wire cross section max. (UR)	12 AWG
Wire cross section min. (UR)	26 AWG		

Classifications

ETIM 6.0	EC000901	ETIM 7.0	EC000901
eClass 9.0	27-14-11-41	eClass 9.1	27-14-11-41
eClass 10.0	27-14-11-41		

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PT1102_20160418_1128_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN_WSCAD_Zuken E3.S
Engineering Data	STEP
User Documentation	StorageConditionsTerminalBlocks

Safety note

Safety notice [Safety Information](#)

Data sheet

Z-series
ZDL D 2.5-2N PE

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings

