

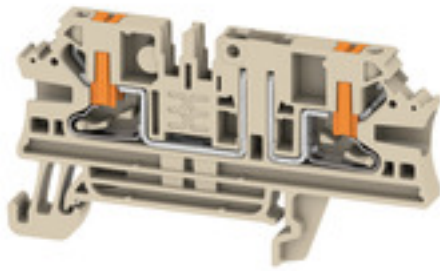
ALDT 2.5 2C W/O DTLV**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



In some applications it makes sense to add a test point or a disconnect element to the feed through terminal for testing and safety purposes. With test disconnect terminals you measure electric circuits in the absence of voltage. While the disconnecting points clearance and creepage distance is not assessed in dimensional terms, the specified rated impulse voltage strength must be proven.

General ordering data

Version	Basic terminal for component plug, PUSH IN, 500, 20, 2
Order No.	2898680000
Type	ALDT 2.5 2C W/O DTLV
GTIN (EAN)	406467590428 1
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	38 mm	Depth (inches)	1.496 inch
Height	36.5 mm	Height (inches)	1.437 inch
Width	5.1 mm	Width (inches)	0.201 inch
Net weight	8.05 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

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

System specifications

End cover plate required	Yes	Number of levels	1
Number of clamping points per level	2	Levels cross-connected internally	No
N-function	No	PE function	No
PEN function	No		

Additional technical data

Explosion-tested version	No	Open sides	right
Snap-on	Yes	Type of mounting	TS 35

Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm ²
Clamping range, min.		Connection cross-section, stranded, max.	4 mm ²
Connection cross-section, stranded, min.	0.14 mm ²	Number of connections	2
Stripping length	10 mm	Type of connection	PUSH IN
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 28
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, max.	2.5 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 with wire-end ferrules DIN 46228/4, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	4 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Disconnect terminals

Integral test socket	Yes
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Creation date January 13, 2025 6:06:57 AM CET

Catalogue status 04.01.2025 / We reserve the right to make technical changes.

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Technical data

General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 28
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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	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

Certificate No. (cURus)	E0693VOL1SEC136	Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size B (cURus)	19 A
Current size C (cURus)	19 A	Current size D (cURus)	5 A
Voltage size B (cURus)	600 V	Voltage size C (cURus)	600 V
Voltage size D (cURus)	600 V		

Classifications

ETIM 7.0	EC000897	ETIM 8.0	EC000897
ETIM 9.0	EC000897	ECLASS 11.0	27-14-11-26
ECLASS 12.0	27-14-11-26	ECLASS 13.0	27-25-01-07
ECLASS 14.0	27-25-01-07		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E0693VOL1SEC136

Downloads

Approval/Certificate/Document of Conformity	CE Declaration of Conformity
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

Data sheet

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Drawings

