

ZDUB 2.5-2/2AN/7/DB**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Thanks to their compact design, Mini rail-mounted terminal blocks are ideal for working in confined spaces such as small housings and terminal boxes.

General ordering data

Version	Z-series, Feed-through terminal, Rated cross-section: 2.5 mm ² , Tension-clamp connection, dark beige, Direct mounting
Order No.	1704440000
Type	ZDUB 2.5-2/2AN/7/DB
GTIN (EAN)	4008190948184
Qty.	20 items
Delivery status	Discontinued
Available until	2023-11-28T00:00:00+01:00

ZDUB 2.5-2/2AN/7/DB

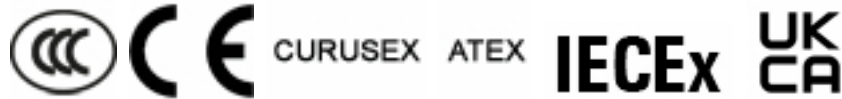
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Technical data

Approvals

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ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURusEX)	E184763

Dimensions and weights

Depth	24 mm	Depth (inches)	0.9449 inch
Height	33.2 mm	Height (inches)	1.3071 inch
Width	5.1 mm	Width (inches)	0.2008 inch
Net weight	31.1 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50	Continuous operating temp., max.	120

Environmental Product Compliance

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

Material data

Basic material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO16ATEX1808U	Certificate No. (IECEX)	IECEXULD16.0036U
Max. voltage (ATEX)	550 V	Current (ATEX)	21 A
Wire cross section max. (ATEX)	2.5 mm ²	Max. voltage (IECEX)	550 V
Current (IECEX)	21 A	Wire cross section max. (IECEX)	2.5 mm ²
Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D

System specifications

Version	Tension-clamp connection, can only be bridged at the clamping point, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
N-function	No	PE function	No
PEN function	No		

Additional technical data

Open sides	right	Installation advice	Direct mounting
Type of mounting	Direct mounting		

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Technical data**Conductors for clamping (rated connection)**

Gauge to IEC 60947-1	A2	Wire connection cross section AWG, max.	AWG 12
Connection direction	top	Stripping length	10 mm
Type of connection	Tension-clamp connection	Number of connections	2
Blade size	0.6 x 3.5 mm	Wire connection cross section AWG, min.	AWG 26
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 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, max.	2.5 mm ²	Wire connection cross-section, solid core, max.	4 mm ²

Dimensions

TS 15 offset	17 mm	TS 35 offset	32 mm
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General

Wire connection cross section AWG, max.	AWG 12	Installation advice	Direct mounting
Wire connection cross section AWG, min.	AWG 26		

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	800 V
Rated DC voltage	800 V	Nominal current	24 A
Current at maximum wires	30 A	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	0.77 W

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		

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www.weidmueller.com**Accessories****Marker holder**

The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

Type	BZT 1 WS 10/5	Version
Order No.	1805490000	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 ST	
Type	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 ST	