

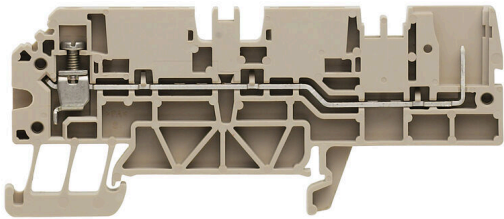
WDT 2.5 BT**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

Some applications demand for a pluggable, modular solution to be more flexible or to facilitate the installation. Where complete functional units have to be prefabricated or replaced, modular and flexible connection systems are required. Our pluggable terminal blocks can be quickly assembled and are completely factory tested.

General ordering data

Version	Feed-through terminal block, Screw connection, dark beige, 2.5 mm ² , 24 A, 500 V, Number of connections: 1
Order No.	1305310000
Type	WDT 2.5 BT
GTIN (EAN)	4050118104349
Qty.	50 items

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Technical data

Approvals

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ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

Dimensions and weights

Depth	36 mm	Depth (inches)	1.4173 inch
Height	85.5 mm	Height (inches)	3.3661 inch
Width	5.1 mm	Width (inches)	0.2008 inch
Net weight	7.44 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...75 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

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		

System specifications

Version	1 plug-in connection - 1 plug-in connection - 1 adapter connection, for plug-in cross-connector, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	1	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35		

Additional technical data

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

CSA rating data

Wire cross section max. (CSA)	12 AWG	Voltage size C (CSA)	300 V
Current size C (CSA)	20 A	Certificate No. (CSA)	200039-70001233
Voltage size B (CSA)	300 V	Current size B (CSA)	20 A
Voltage size D (CSA)	300 V	Current size D (CSA)	10 A
Wire cross section min. (CSA)	26 AWG		

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Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A4	Wire connection cross section AWG, max.	AWG 12
Connection direction	on side	Tightening torque, max.	0.6 Nm
Tightening torque, min.	0.4 Nm	Stripping length	7 mm
Type of connection 2	Plug-in connection	Type of connection	Screw connection
Number of connections	1	Clamping range, max.	4 mm ²
Clamping range, min.	0.13 mm ²	Clamping screw	M 2.5
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.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.13 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.	0.13 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross section, finely stranded, min.	0.13 mm ²
Connection cross-section, stranded, max.	4 mm ²	Connection cross-section, stranded, min.	0.13 mm ²
Wire connection cross-section, solid core, max.	4 mm ²	Wire connection cross-section, solid core, min.	0.13 mm ²
Connection cross-section, finely stranded, min.	0.13 mm ²		

General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26
Standards	IEC 60947-7-1, IEC 61984	Mounting rail	TS 35

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	24 A
Current at maximum wires	27 A	Standards	IEC 60947-7-1, IEC 61984
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

Conductor size Factory wiring max. (cURus)	12 AWG	Voltage size B (cURus)	300 V
Voltage size D (cURus)	300 V	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus)	26 AWG	Conductor size Factory wiring min. (cURus)	26 AWG
Current size B (cURus)	20 A	Voltage size C (cURus)	300 V
Current size C (cURus)	20 A	Current size D (cURus)	10 A
Conductor size Field wiring max. (cURus)	12 AWG		

Technical data

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		

