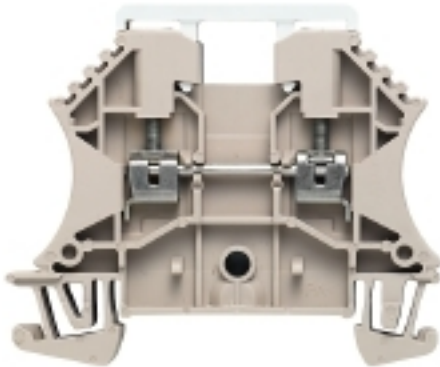


**W-Series
WDU 2.5/TC TYP E**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

**Current and voltage transformer wiring**

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

Type	WDU 2.5/TC TYP E
Order No.	1033300000
Version	W-Series, Feed-through terminal, Thermocouple, Rated cross-section: 2.5 mm ² , Screw connection
GTIN (EAN)	4008190009717
Qty.	50 pc(s).

W-Series
WDU 2.5/TC TYP E

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data**Dimensions and weights**

Width	10.2 mm	Width (inches)	0.402 inch
Height	60 mm	Height (inches)	2.362 inch
Depth	50 mm	Depth (inches)	1.969 inch
Depth including DIN rail	50.5 mm	Weight	16.95 g
Net weight	15.74 g		

Temperatures

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		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEX)	IECEXULD14.0005U
Max. voltage (ATEX)	55 V	Current (ATEX)	8 A
Wire cross section max. (ATEX)	2.5 mm ²	Max. voltage (IECEX)	55 V
Current (IECEX)	8 A	Wire cross section max. (IECEX)	2.5 mm ²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex e II
Ex 2014/34/EU label	II 2 G D		

System specifications

Version	Screw connection, Thermocouple	Tightening torque (clamping screw for copper conductors)	0.4...0.6 Nm
End cover plate required	Yes	Number of potentials	1
Number of levels	1	No. of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	No	Mounting rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

W-Series WDU 2.5/TC TYP E

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, rated connection, max.	2.5 mm ²
Clamping range, rated connection, min.	0.13 mm ²	Clamping screw	M 2.5
Connection direction	on side	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²
Gauge to IEC 60947-1	A2	Number of connections	2
Stripping length	10 mm	Tightening torque, max.	0.6 Nm
Tightening torque, min.	0.4 Nm	Torque level with DMS electric screwdriver	1
Twin wire-end ferrules, max.	1.5 mm ²	Twin wire-end ferrules, min.	0.5 mm ²
Type of connection	Screw connection	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²	Wire connection cross section, finely stranded, max.	2.5 mm ²
Wire connection cross section, solid core max. rated connection	2.5 mm ²	Wire connection cross section, solid core, min. rated connection	0.5 mm ²
Wire connection cross section, stranded, rated connection, max.	2.5 mm ²	Wire connection cross section, stranded, rated connection, min.	1.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²

Rating data

Rated cross-section	2.5 mm ²	Standards	IEC 60584, IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Pollution severity	3

Classifications

ETIM 3.0	EC000904	ETIM 4.0	EC000904
ETIM 5.0	EC000904	ETIM 6.0	EC000904
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-31
eClass 6.2	27-14-11-90	eClass 7.1	27-14-11-90
eClass 8.1	27-14-11-42	eClass 9.0	27-14-11-42
eClass 9.1	27-14-11-42		

Approvals

Approvals



ROHS

Conform

Data sheet**W-Series
WDU 2.5/TC TYP E**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data**Downloads**

Approval/Certificate/Document of Conformity	CFAT_WDU 2.5_1.5_TC.pdf IECEXULD14.0005U_e.pdf DE_PT1005_20160418_781_ISSUE01.pdf ACF-ATEX_4786180920
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN_WSCAD

Safety note

Safety notice	Safety Information
---------------	------------------------------------