

WDU 1.5/R3.5 BL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Version	W-Series, Feed-through terminal, Rated cross-section: 1.5 mm ² , Screw connection
Order No.	1754170000
Type	WDU 1.5/R3.5 BL
GTIN (EAN)	4032248020744
Qty.	100 pc(s).

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Technical data

Dimensions and weights

Depth	24 mm	Depth (inches)	0.945 °C
Depth including DIN rail	25 mm	Height	24.5 mm
Height (inches)	0.965 °C	Width	3.5 mm
Width (inches)	0.138 °C	Weight	2.39 g
Net weight	1.57 g		

Temperatures

Storage temperature		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	-25 °C...55 °C		
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Material data

Material	Wemid	Colour	blue
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEX)	IECEXULD14.0005U
Max. voltage (ATEX)	275 V	Current (ATEX)	15 A
Wire cross section max. (ATEX)	1.5 mm ²	Max. voltage (IECEX)	275 V
Current (IECEX)	15 A	Wire cross section max. (IECEX)	1.5 mm ²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
			Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

System specifications

Version	Screw 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	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 15	N-function	Yes
PE function	No	PEN function	No

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	0.5 Nm	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 Nm
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 Nm	Wire cross-section, finely stranded, two clampable wires, max.	0.75 Nm

Additional technical data

Explosion-tested version	Yes	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

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Technical data

CSA rating data

Certificate No. (CSA)	12400-398	Current size D (CSA)	10 A
Voltage size D (CSA)	300 V	Wire cross section max. (CSA)	14 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. 2.5 Nm

Conductors for clamping (rated connection)

Blade size	0.4 x 2.5 mm	Clamping range, max.	1.5 Nm
Clamping range, min.	0.13 Nm	Clamping screw	M 2
Connection cross-section, stranded, max.	1.5 Nm	Connection cross-section, stranded, min.	1.5 Nm
Connection direction	on side	Gauge to IEC 60947-1	A1
Number of connections	2	Stripping length	7 mm
Tightening torque, min.	0.3 inch	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 14	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	1.5 Nm	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 Nm
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 Nm	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	0.5 Nm
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 Nm	Wire connection cross-section, solid core, max.	1.5 Nm
Wire connection cross-section, solid core, min.	0.5 Nm		

Dimensions

TS 15 offset	13.5 mm
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General

Rail	TS 15	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 14	Wire connection cross section AWG, min.	AWG 26

Rating data

Rated cross-section	1.5 Nm	Rated voltage	400 V
Rated current	17.5 A	Current at maximum wires	17.5 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.83 °C
Rated impulse withstand voltage	4 kV	Power loss in accordance with IEC 60947-7-x	0.56 W
Pollution severity	3		

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Technical data

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	14 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	14 AWG
Conductor size Field wiring min. (UR)	26 AWG	Current size B (UR)	15 A
Current size D (UR)	10 A	UL_current_Print	10 A
UL_voltage_Print	300 V	UL_wire_max_Print	14 A / 6 A / 10 A / 13 A / 15 A
UL_wire_min_Print	26 A / 6 A / 10 A / 13 A / 15 A	Voltage size B (UR)	300 V
Voltage size D (UR)	300 V		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEX Certificate CB Testreport CB Certificate EAC certificate EAC EX Certificate CCC Ex Certificate Declaration of Conformity ATEX Certificate Declaration of Conformity all terminals
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	NTI WDU/WPE 1.5/R3.5 StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings

