

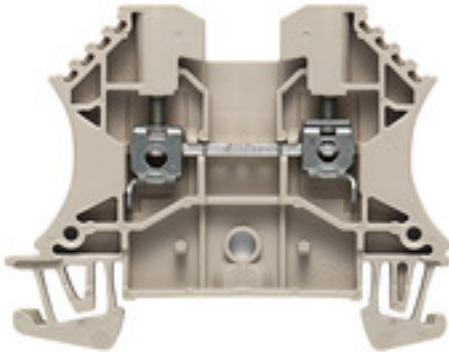
WDU 2.5 PACK**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

Similar to illustration

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	Feed-through terminal, Screw connection, 2.5 mm ² , 800 V, 24 A, dark beige
Order No.	1781720000
Type	WDU 2.5 PACK
GTIN (EAN)	4032248174683
Qty.	1 pc(s).

Creation date January 7, 2022 1:34:59 PM CET

Catalogue status 17.12.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	46.5 mm	Depth (inches)	1.831 inch
Net weight	127.436 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	dark beige
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEX)	IECEXULD14.0005U
Max. voltage (ATEX)	550 V	Current (ATEX)	24 A
Wire cross section max. (ATEX)	2.5 mm ²	Max. voltage (IECEX)	550 V
Current (IECEX)	24 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 2014/34/EU label	II 2 G D		Ex eb II C Gb

System specifications

Version	Screw connection, for plug-in cross-connector, for screwable cross-connection, One end without connector	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 35
N-function	No	PE function	No
PEN function	No		

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

Cross-section for connected wire, solid, two clampable wires, max.	1.5 mm ²	Cross-section for connected wire, solid, two clampable wires, min.	0.5 mm ²
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Additional technical data

Type of mounting	Snap-on
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Technical data
Conductors for clamping (rated connection)

Clampable conductor		Connection specification	Screw connection		
Clampable conductor	Cross-section for conductor connection		Type	solid, H05(07) V-U	
			min.	0.5 mm ²	
			max.	4 mm ²	
			nominal	2.5 mm ²	
	wire end ferrule		Stripping length	min.	10 mm
				max.	10 mm
				nominal	10 mm
			Tightening torque	min.	0.4 Nm
				max.	0.8 Nm
	Recommended wire-end ferrule				
	Clampable conductor	Cross-section for conductor connection		Type	stranded, H07V-R
				min.	1.5 mm ²
max.				4 mm ²	
nominal				2.5 mm ²	
wire end ferrule			Stripping length	min.	10 mm
				max.	10 mm
				nominal	10 mm
			Tightening torque	min.	0.4 Nm
				max.	0.8 Nm
Recommended wire-end ferrule					
Clampable conductor		Cross-section for conductor connection		Type	flexible, H05(07) V-K
				min.	0.5 mm ²
	max.			2.5 mm ²	
	nominal			2.5 mm ²	
	wire end ferrule		Stripping length	min.	10 mm
				max.	10 mm
				nominal	10 mm
			Tightening torque	min.	0.4 Nm
				max.	0.8 Nm
	Recommended wire-end ferrule				
	Clamping screw	M 2.5			
	Number of connections	2			
Stripping length	10 mm				
Type of connection	Screw connection				

General

Rail	TS 35
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Rating data

Rated cross-section	2.5 mm ²	Rated voltage	800 V
Rated current	24 A	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Power loss in accordance with IEC 60947-7-x	0.77 W		

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3

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Technical data

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	30 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	28 AWG	Current size B (UR)	25 A
Current size C (UR)	25 A	Voltage size B (UR)	600 V
Voltage size C (UR)	600 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	IECEX Certificate CB Testreport CB Certificate EAC certificate EAC EX Certificate CCC Ex Certificate ATEX Certificate
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format