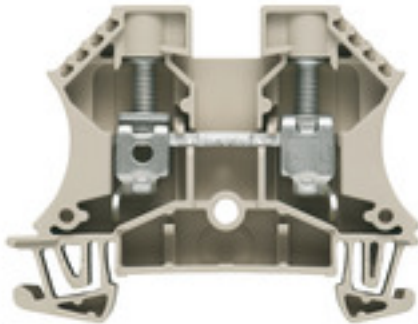


WDU 10 PACK**Weidmüller Interface GmbH & Co. KG**

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, 10 mm ² , 1000 V, 57 A, dark beige
Order No.	1781750000
Type	WDU 10 PACK
GTIN (EAN)	4032248174713
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	46.5 mm	Depth (inches)	1.831 inch
Depth including DIN rail	47 mm	Height	60 mm
Height (inches)	2.362 inch	Width	9.9 mm
Width (inches)	0.39 inch	Net weight	139 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)	690 V	Current (ATEX)	57 A
Wire cross section max. (ATEX)	10 mm ²	Max. voltage (IECEX)	690 V
Current (IECEX)	57 A	Wire cross section max. (IECEX)	10 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 screwable cross-connection, 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 35	N-function	No
PE function	No	PEN function	No

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	
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	1.5 mm ²	
		max.	16 mm ²	
		nominal	10 mm ²	
	wire end ferrule	Stripping length	min.	12 mm
			max.	12 mm
			nominal	12 mm
		Tightening torque	min.	1.2 Nm
			max.	1.9 Nm
		Recommended wire-end ferrule		
	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	stranded, H07V-R	
		min.	1.5 mm ²	
		max.	16 mm ²	
		nominal	10 mm ²	
	wire end ferrule	Stripping length	min.	12 mm
			max.	12 mm
			nominal	12 mm
		Tightening torque	min.	1.2 Nm
			max.	1.9 Nm
		Recommended wire-end ferrule		
	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	flexible, H05(07) V-K	
		min.	1.5 mm ²	
		max.	16 mm ²	
		nominal	10 mm ²	
wire end ferrule	Stripping length	min.	12 mm	
		max.	12 mm	
		nominal	12 mm	
	Tightening torque	min.	1.2 Nm	
		max.	1.9 Nm	
	Recommended wire-end ferrule			
Clamping screw	M 4			
Number of connections	2			
Stripping length	12 mm			
Tightening torque, max.	1.9 Nm			
Tightening torque, min.	1.2 Nm			
Type of connection	Screw connection			
Wire connection cross section, finely stranded, max.	16 mm ²			
Wire connection cross section, finely stranded, min.	1.5 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm ²			

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. 1.5 mm²

Wire connection cross-section, solid core, min. 1.5 mm²

General

Rail TS 35

Rating data

Rated cross-section	10 mm ²	Rated voltage	1,000 V
Rated DC voltage	1,000 V DC	Rated current	57 A
Volume resistance according to IEC 60947-7-x	0.56 mΩ	Power loss in accordance with IEC 60947-7-x	1.82 W

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

Downloads

Approval/Certificate/Document of Conformity	IECEX Certificate CB Testreport CB Certificate EAC certificate INMETRO certificate EAC EX Certificate CCC Ex Certificate CE Declaration of Conformity ATEX Certificate CE Declaration of Conformity all terminals
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format