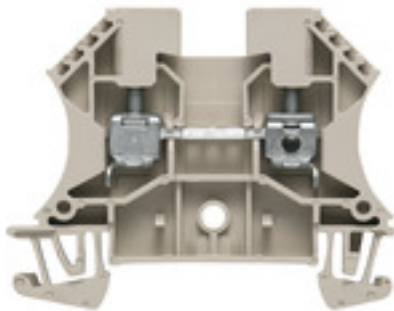


WDU 4 HV**Weidmüller Interface GmbH & Co. KG**

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	Feed-through terminal, Screw connection, 4 mm ² , 1000 V, 32 A, dark beige
Order No.	1412960000
Type	WDU 4 HV
GTIN (EAN)	4050118237535
Qty.	100 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	Net weight	9.57 g
Weight	9 g	Width	6.1 mm
Width (inches)	0.24 inch		

Temperatures

Storage temperature	-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		

System specifications

Version	Screw connection, for plug-in cross-connector, 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

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

Cross-section for connected wire, solid, two clampable wires, max.	2.5 mm ²	Cross-section for connected wire, solid, two clampable wires, min.	0.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	1.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm ²
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm ²

Additional technical data

Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on		

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm
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Technical data

Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	0.5 mm ²	
		max.	6 mm ²	
		nominal	4 mm ²	
	wire end ferrule	Stripping length	min.	10 mm
			max.	10 mm
			nominal	10 mm
		Tightening torque	min.	0.5 Nm
			max.	1 Nm
		Recommended wire-end ferrule		
	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	stranded, H07V-R	
		min.	1.5 mm ²	
		max.	6 mm ²	
		nominal	4 mm ²	
	wire end ferrule	Stripping length	min.	10 mm
			max.	10 mm
			nominal	10 mm
		Tightening torque	min.	0.5 Nm
			max.	1 Nm
		Recommended wire-end ferrule		
	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	flexible, H05(07) V-K	
		min.	0.5 Nm	
		max.	6 Nm	
nominal		4 Nm		
wire end ferrule	Stripping length	min.	10 mm	
		max.	10 mm	
		nominal	10 mm	
	Tightening torque	min.	0.5 Nm	
		max.	1 Nm	
	Recommended wire-end ferrule			
Clamping range, max.		6 mm ²		
Clamping range, min.		0.13 mm ²		
Clamping screw		M 3		
Connection cross-section, stranded, max.		6 mm ²		
Connection cross-section, stranded, min.		1.5 mm ²		
Connection direction		on side		
Gauge to IEC 60947-1		A4		
Number of connections		2		
Stripping length		10 mm		
Tightening torque, max.		1 Nm		
Tightening torque, min.		0.5 Nm		
Torque level with DMS electric screwdriver		2		
Twin wire-end ferrules, max.		2.5 mm ²		
Twin wire-end ferrules, min.		0.5 mm ²		
Type of connection		Screw connection		
Wire connection cross section AWG, max.		AWG 10		
Wire connection cross section AWG, min.		AWG 26		
Wire connection cross section, finely stranded, max.		6 mm ²		

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. 4 mm²

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. 0.5 mm²

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

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. 0.5 mm²

Wire connection cross-section, solid core, max. 6 mm²

Wire connection cross-section, solid core, min. 0.5 mm²

General

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 26

Rating data

Power loss in accordance with IEC 60947-7-x	1.02 W	Rated cross-section	4 mm ²
Rated voltage	1,000 V	Rated current	32 A
Current at maximum wires	41 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1 mΩ	Rated impulse withstand voltage	8 kV
Pollution severity	3		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	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	EAC certificate POLSKIREJ certificate Declaration of Conformity Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	StorageConditionsTerminalBlocks

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Drawings

