

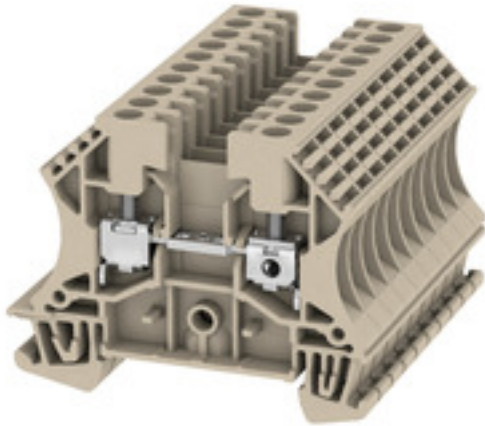
WDU 4/10**Weidmüller Interface GmbH & Co. KG**

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 , 800 V, 32 A, dark beige
Order No.	1021000000
Type	WDU 4/10
GTIN (EAN)	4008 190076924
Qty.	10 pc(s).

Creation date March 22, 2021 2:50:11 PM CET

Catalogue status 12.03.2021 / 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
Height	60 mm	Height (inches)	2.362 inch
Net weight	101.2 g	Width	6.1 mm
Width (inches)	0.24 inch		

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)	32 A
Wire cross section max. (ATEX)	4 mm ²	Max. voltage (IECEX)	690 V
Current (IECEX)	32 A	Wire cross section max. (IECEX)	4 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	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

Explosion-tested version	Yes	Number of similar terminals	10
Open sides	right	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	200039-1057876	Current size B (CSA)	35 A
Current size C (CSA)	35 A	Voltage size C (CSA)	600 V
Wire cross section max. (CSA)	10 AWG	Wire cross section min. (CSA)	26 AWG

Technical data

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. 4 mm²

Conductors for clamping (rated connection)

Clampable conductor	Connection specification	Screw connection		
		Type		
	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		
		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		
		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 screw	M 3
Connection direction	on side
Number of connections	2
Stripping length	10 mm
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, finely stranded, max.	6 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm ²

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
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Wire connection cross-section, solid core, max.	6 mm ²
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Wire connection cross-section, solid core, min.	0.5 mm ²
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Dimensions

TS 35 offset	32 mm
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General

Rail	TS 35
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Rating data

Power loss in accordance with IEC 60947-7-x	1.02 W
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Rated voltage	800 V
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Volume resistance according to IEC 60947-7-x	1 mΩ
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Rated cross-section	4 mm ²
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Rated current	32 A
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UL rating data

Certificate No. (UR)	E60693
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Conductor size Factory wiring min. (UR)	26 AWG
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Conductor size Field wiring min. (UR)	22 AWG
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UL_current_Print	35 A
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UL_wire_max_Print	10 AWG
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Voltage size C (UR)	600 V
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Conductor size Factory wiring max. (UR)	10 AWG
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Conductor size Field wiring max. (UR)	10 AWG
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Current size C (UR)	35 A
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UL_voltage_Print	600 V
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UL_wire_min_Print	26 AWG
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Classifications

ETIM 6.0	EC001284
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ECLASS 9.0	27-14-11-06
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ECLASS 10.0	27-14-11-06
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ETIM 7.0	EC001284
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ECLASS 9.1	27-14-11-06
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ECLASS 11.0	27-14-11-06
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Approvals

Approvals



ROHS	Conform
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UL File Number Search	E60693
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Technical data**Downloads**

Approval/Certificate/Document of Conformity	IECEX Certificate CB Testreport CB Certificate EAC certificate EAC EX Certificate CCC Ex Certificate Declaration of Conformity ATEX Certificate Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	NTI WDU/WPE 4 StorageConditionsTerminalBlocks