

WMA 4/5**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, Motor-connection terminal, Screw connection, 4 mm ² , 800 V, 32 A, dark beige
Order No.	1033800000
Type	WMA 4/5
GTIN (EAN)	4008190129095
Qty.	20 pc(s).

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Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	47 mm	Depth (inches)	1.85 inch
Height	60 mm	Height (inches)	2.362 inch
Net weight	55.4 g	Weight	56.86 g
Width	30.6 mm	Width (inches)	1.205 inch

Temperatures

Storage temperature		Operating temperature range	Einsatztemperaturbereich siehe EG- Baumusterprüfbescheinigung/ IECEX-Certificate of Conformity
	-25 °C...55 °C		
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

ATEX certificate	KEMA98ATEX1683U_e.pdf	ATEX certificate	KEMA98ATEX1683U_d.pdf
Operating temperature range	Einsatztemperaturbereich siehe EG- Baumusterprüfbescheinigung/ IECEX-Certificate of Conformity		

System specifications

Version	Screw connection, for plug-in cross-connector, for screwable cross- connection	End cover plate required	No
Number of potentials	1	Number of levels	2
Number of clamping points per level	1	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35		

Additional technical data

Explosion-tested version	Yes	Number of similar terminals	4
Open sides	right	Type of mounting	Snap-on

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus
plastic collar DIN 46228/1, further
connection, max. 6 mm²

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 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				
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	4			
Stripping length	10 mm			
Tightening torque, max.	1 Nm			
Tightening torque, min.	0.5 Nm			
Torque level with DMS electric screwdriver	1			
Twin wire-end ferrules, max.	1.5 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 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	6 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²

General

Rail	TS 35	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	800 V	Rated current	32 A
Current at maximum wires	41 A	Volume resistance according to IEC 60947-7-x	5 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	Declaration of Conformity Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks