

WMA 4/4**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.	1034000000
Type	WMA 4/4
GTIN (EAN)	4008190162924
Qty.	20 pc(s).

Creation date March 22, 2021 5:11:10 PM CET

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

WMA 4/4

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	47 mm	Depth (inches)	1.85 inch
Height	60 mm	Height (inches)	2.362 inch
Net weight	46.45 g	Weight	50.6 g
Width	24.5 mm	Width (inches)	0.965 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	3
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

WMA 4/4

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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				

Creation date March 22, 2021 5:11:10 PM CET

WMA 4/4

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

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	4 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
Engineering Data	20627_WMA_4-4_DXF.dxf STEP
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks

Creation date March 22, 2021 5:11:10 PM CET