

Multipin terminal strip MK 3/12

Weidmüller Interface GmbH & Co. KG
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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

Type	MK 3/12
Order No.	0243520000
Version	Multipin terminal strip, Single- and multi-pole terminal strip, Rated cross-section: 2.5 mm ² , Screw connection, Direct mounting
GTIN (EAN)	4008190072834
Qty.	20 pc(s).

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Technical data**Dimensions and weights**

Width	110 mm	Width (inches)	4.331 inch
Height	15 mm	Height (inches)	0.591 inch
Depth	16.1 mm	Depth (inches)	0.634 inch
Weight	43.7 g	Net weight	42.4 g

Temperatures

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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Material data

Material	KrG	Colour	Medium Yellow
UL 94 flammability rating	5VA		

System specifications

Version	For the mounting rails	End cover plate required	No
Mounting rail	Mounting plate		

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Type of mounting	Direct mounting		

CSA rating data

Certificate No. (CSA)	12400-149	Current size C (CSA)	25 A
Voltage size C (CSA)	300 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	22 AWG		

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Technical data

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, rated connection, max.	4 mm ²
Clamping range, rated connection, min.	0.33 mm ²	Clamping screw	M 2.5
Connection direction		Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²
	on side	Number of connections	24
Gauge to IEC 60947-1	A2	Tightening torque, max.	0.45 Nm
Stripping length	5 mm	Torque level with DMS electric screwdriver	1
Tightening torque, min.	0.4 Nm	Wire connection cross section AWG, max.	AWG 12
Type of connection	Screw connection	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	1.5 mm ²
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section, finely stranded, max.	2.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²	Wire connection cross section, solid core, min. rated connection	0.5 mm ²
Wire connection cross section, solid core max. rated connection	4 mm ²	Wire connection cross section, stranded, rated connection, min.	1.5 mm ²
Wire connection cross section, stranded, rated connection, max.	2.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	1.5 mm ²		

Dimensions

Fixing dimension	18.5 mm
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Rating data

Rated cross-section	2.5 mm ²	Rated voltage	400 V
Rated current	24 A	Current at maximum wires	24 A
Standards	IEC 60947-7-1	Rated impulse withstand voltage	6 kV
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size B (UR)	20 A
Current size D (UR)	5 A	Voltage size B (UR)	300 V
Voltage size D (UR)	600 V		

Classifications

ETIM 3.0	EC001284	ETIM 4.0	EC001284
ETIM 5.0	EC001284	ETIM 6.0	EC001284
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-06
eClass 6.2	27-14-11-06	eClass 7.1	27-14-11-06
eClass 8.1	27-14-11-06	eClass 9.0	27-14-11-06
eClass 9.1	27-14-11-06		

Data sheet**Multipin terminal strip
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Technical data**Approvals**

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	CFAT_MK_3_2.pdf DE_PT1411_20160418_235_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD

Safety note

Safety notice	Safety Information
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