

**Multipin terminal strip
MK 6/6**

Weidmüller Interface GmbH & Co. KG
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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

Type	MK 6/6
Order No.	0620120000
Version	Multipin terminal strip, Single- and multi-pole terminal strip, Rated cross-section: 6 mm ² , Screw connection, Direct mounting
GTIN (EAN)	4008190129330
Qty.	20 pc(s).

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Technical data

Dimensions and weights

Width	23 mm	Width (inches)	0.906 inch
Height	75.5 mm	Height (inches)	2.972 inch
Depth	22 mm	Depth (inches)	0.866 inch
Weight	67.9 g	Net weight	65.25 g

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

Material data

Material	KrG	Colour	medium yellow
UL 94 flammability rating	5VA		

System specifications

Version	For the mounting rails	End cover plate required	No
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Additional technical data

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

CSA rating data

Certificate No. (CSA)	12400-150	Current size B (CSA)	40 A
Current size C (CSA)	40 A	Voltage size B (CSA)	300 V
Voltage size C (CSA)	300 V	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	22 AWG		

Conductors for clamping (rated connection)

Blade size	4.0 x 0.8 mm	Clamping range, max.	6 mm ²
Clamping range, min.	0.33 mm ²	Clamping screw	M 4
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	A3
Number of connections	12	Stripping length	9 mm
Tightening torque, max.	2 Nm	Tightening torque, min.	1.2 Nm
Torque level with DMS electric screwdriver	4	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 22
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
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, finely stranded, 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

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Technical data**Rating data**

Rated cross-section	6 mm ²	Rated voltage	690 V
Rated current	41 A	Current at maximum wires	41 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.78 mΩ
Power loss in accordance with IEC 60947-7-x	1.31 W	Rated impulse withstand voltage	8 kV
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	10 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	10 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size B (UR)	30 A
Current size C (UR)	30 A	Voltage size B (UR)	300 V
Voltage size C (UR)	300 V		

Classifications

ETIM 6.0	EC001284	ETIM 7.0	EC001284
eClass 9.0	27-14-11-06	eClass 9.1	27-14-11-06
eClass 10.0	27-14-11-06	UNSPSC	30-21-18-11

Approvals

Approvals



ROHS

Conform

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Approval/Certificate/Document of Conformity	DE_PT1411_20160418_267_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP
User Documentation	Cross Connection Guide StorageConditionsTerminalBlocks

Safety note

Safety notice	Safety Information
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