

**Multipin terminal strip  
MK 6/6**

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Multi-pole terminal strips have been part of the Weidmüller portfolio for many years. The terminal rails can be screwed directly to the housing. A retightening of the clamping screw when setting the wire is not needed with these terminals. The terminal strips are available in the materials KRG and PA and with different connection systems.

**General ordering data**

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

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## Technische Daten

### Dimensions and weights

Length	75.5 mm	Width	23 mm
Height	22 mm	Height of lowest version	22 mm
Weight	67.9 g	Net weight	63.5 g

### Temperatures

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

### Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Type of mounting	Direct mounting	Version	For the mounting rails

### CSA ratings data

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

### Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	9 mm
Blade size	4.0 x 0.8 mm	Connection direction	on side
Number of connections	12	Clamping range, rated connection, min.	0.33 mm <sup>2</sup>
Clamping range, rated connection, max.	6 mm <sup>2</sup>	Clamping screw	M 4
Tightening torque, min.	1.2 Nm	Tightening torque, max.	2 Nm
Torque level with DMS electric screwdriver	4	Gauge to IEC 60947-1	A3
Wire connection cross section, solid core, max. rated connection	0.5 mm <sup>2</sup>	Wire connection cross section, solid core max. rated connection	6 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, min.	1.5 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, max.	6 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	6 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm <sup>2</sup>
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	4 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section AWG, max.	AWG 10

### Rated data

Rated cross-section	6 mm <sup>2</sup>	Rated voltage	690 V
Rated impulse withstand voltage	8 kV	Rated current	41 A
Current at maximum wires	41 A	Standards	IEC 60947-7-1
Pollution severity	3		

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## Technische Daten

### UL ratings data

Certificate No. (UR)	E60693	Voltage size C (UR)	300 V
Current size C (UR)	20 A	Conductor size Factory wiring max. (UR)	10 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	10 AWG

### Material data

Material	KrG	Colour	Medium Yellow
UL 94 flammability rating	5VA		

### System specifications

Product family	Multipin terminal strip	Type of connection	Screw connection
Connection direction	on side	Number of connections	12
End cover plate required	No		

### Classifications

ETIM 3.0	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		

### Approvals

Approvals



ROHS

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