Multipin terminal strip
MK 6/6/E

Weidmüller Interface GmbH & Co. KG
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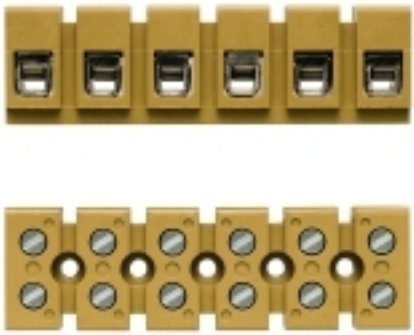

Multi-pole terminal strips have been part of the Weidmüller portfolio for many years. The terminal rails can be screwed directly to the housing. A retightening of the clamping screw when setting the wire is not needed with these terminals. The terminal strips are available in the materials KRG and PA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

General ordering data

Type	MK 6/6/E
Order No.	7906260000
Version	Multipin terminal strip, Single- and multi-pole terminal strip, Rated cross-section: 6 mm², Screw connection, Direct mounting
GTIN (EAN)	4008190576462
Qty.	20 pc(s).

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Technical data

Dimensions and weights

Width	23 mm	Height	75.5 mm
Height of lowest version	22 mm	Depth	22 mm
Net weight	69.35 g		

Temperatures

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

Rated data IECEx/ATEX

Certificate No. (ATEX)	SIRA01ATEX3249U	ATEX certificate	IECEXSIR05.0037U
ATEX certificate	SIRA01ATEX3249U_e.pdf	Certificate No. (IECEX)	IECEXSIR05.0037U
IEC Ex certificate	IECEXSIR05.0037U_e.pdf	Max. voltage (ATEX)	440 V
Current (ATEX)	36 A	Wire cross section max. (ATEX)	6 mm²
Max. voltage (IECEX)	440 V	Current (IECEX)	36 A
Wire cross section max. (IECEX)	6 mm²	Voltage, cross-connection	CrossConnectionGuide.pdf
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	II 2 G D		

Additional technical data

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

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 mm²
Clamping range, rated connection, max.	6 mm²	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, min. rated connection	0.5 mm²	Wire connection cross section, solid core max. rated connection	6 mm²
Wire connection cross section, stranded, rated connection, min.	1.5 mm²	Wire connection cross section, stranded, rated connection, max.	6 mm²
Wire connection cross section, finely stranded, max.	6 mm²	Wire connection cross-section, finely stranded, min.	0.5 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	4 mm²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	4 mm²
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section AWG, max.	AWG 10

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Technical data

Rated data

Rated cross-section	6 mm²	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		

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
Mounting rail	Mounting plate	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

ME25 IECEx - SIRA ATEX - SIRA

ROHS	Conform