

**Multipin terminal strip
MK 6/3/E**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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

Type	MK 6/3/E
Order No.	7906230000
Version	Multipin terminal strip, Single- and multi-pole terminal strip, Rated cross-section: 6 mm ² , Screw connection, Direct mounting
GTIN (EAN)	4008190576431
Qty.	50 pc(s).

Data sheet

Multipin terminal strip MK 6/3/E

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

Dimensions and weights

Width	23 mm	Width (inches)	0.906 inch
Height	36.5 mm	Height (inches)	1.437 inch
Depth	22 mm	Depth (inches)	0.866 inch
Net weight	32.34 g		

Temperatures

Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	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		

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV18ATEX8209U	Certificate No. (IECEX)	IECEXTUR18.0019U
Max. voltage (ATEX)	440 V	Current (ATEX)	36 A
Wire cross section max. (ATEX)	6 mm ²	Max. voltage (IECEX)	440 V
Current (IECEX)	36 A	Wire cross section max. (IECEX)	6 mm ²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

System specifications

Version	For the mounting rails	End cover plate required	No
---------	------------------------	--------------------------	----

Additional technical data

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

**Multipin terminal strip
MK 6/3/E**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data**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	6	Stripping length	9 mm
Tightening torque, max.	1.2 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

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 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
MK 6/3/E**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data**Approvals**

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity

[Attestation Of Conformity](#)
[ATEX Certificate](#)
[IECEX Certificate](#)
[CB Test Certificate](#)
[CB Certificate](#)
[DE_PT1431_20160418_263_ISSUE01.pdf](#)

Brochure/Catalogue

[CAT 1 TERM 16/17 EN](#)

Engineering Data

[EPLAN, WSCAD](#)

Engineering Data

[STEP](#)

User Documentation

[NTI MK 6](#)
[StorageConditionsTerminalBlocks](#)

Safety note

Safety notice

[Safety Information](#)