

MK 4/16**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image** Similar to illustration

Multi-pole terminal strips are suitable for wiring in junction boxes and small distribution boxes. The different numbers of poles offer the possibilities of direct mounting inside the housings.

General ordering data

Version	Single- and multi-pole terminal strip, Screw connection, medium yellow, 2.5 mm ² , 24 A, 400 V, Number of connections: 32, Number of levels: 1
Order No.	0244220000
Type	MK 4/16
GTIN (EAN)	4008190107222
Qty.	20 ST

Technical data

Approvals

Approvals



ROHS	Conform
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UL File Number Search	UL Website
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Certificate No. (UR)	E60693
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Dimensions and weights

Depth	17 mm	Depth (inches)	0.6693 inch
Height	16 mm	Height (inches)	0.6299 inch
Width	103 mm	Width (inches)	4.0551 inch
Net weight	51.9 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

Material	KrG	Colour	medium yellow
UL 94 flammability rating	5VA		

System specifications

Version	For the mounting rails	End cover plate required	No
Number of potentials	1	Number of levels	1
Rail	Mounting plate		

Additional technical data

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

CSA rating data

Wire cross section max. (CSA)	12 AWG	Voltage size C (CSA)	150 V
Current size C (CSA)	15 A	Certificate No. (CSA)	12400-161-162-163
Voltage size B (CSA)	150 V	Current size B (CSA)	15 A
Voltage size D (CSA)	150 V	Current size D (CSA)	15 A
Wire cross section min. (CSA)	22 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection
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Technical data

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A2	Wire connection cross section AWG, max.	AWG 12
Connection direction	on side	Tightening torque, max.	0.45 Nm
Tightening torque, min.	0.4 Nm	Stripping length	5 mm
Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	32	Clamping range, max.	4 mm ²
Clamping range, min.	0.2 mm ²	Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm	Wire connection cross section AWG, min.	AWG 22
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 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 with wire-end ferrules DIN 46228/1, max.	1.5 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, max.	2.5 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Connection cross-section, stranded, max.	2.5 mm ²	Connection cross-section, stranded, min. 1.5 mm ²	
Torque level with DMS electric screwdriver	1	Wire connection cross-section, solid core, max.	4 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

Dimensions

Fixing dimension	85.5 mm
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General

Number of poles	16	Wire connection cross section AWG, max.	AWG 12
Installation advice	Direct mounting	Wire connection cross section AWG, min.	AWG 22
Standards	IEC 60947-7-1	Rail	Mounting plate

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	400 V
Rated DC voltage	400 V	Rated current	24 A
Current at maximum wires	24 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	0.77 W	Pollution severity	3

UL rating data

Conductor size Factory wiring max. (UR)	12 AWG	Current size C (UR)	15 A
Voltage size C (UR)	150 V	Conductor size Factory wiring min. (UR)	24 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	22 AWG
Conductor size Field wiring max. (UR)	12 AWG		

Classifications

ETIM 6.0	EC001284	ETIM 7.0	EC001284
ETIM 8.0	EC001284	ETIM 9.0	EC001284

Technical data

ETIM 10.0	EC001284	ECLASS 9.0	27-14-11-06
ECLASS 9.1	27-14-11-06	ECLASS 10.0	27-14-11-06
ECLASS 11.0	27-14-11-06	ECLASS 12.0	27-14-11-06
ECLASS 13.0	27-14-11-06	ECLASS 14.0	27-14-11-06
ECLASS 15.0	27-14-11-06		