Data sheet

MK 3/8 B 1-6

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

Version	Single- and multi-pole terminal strip, Screw connection, medium yellow, 2.5 mm², 24 A, 400 V, Number of connections: 16, Number of levels: 1
Order No.	1548120000
Type	MK 3/8 B 1-6
GTIN (EAN)	4050118353846
Qty.	25 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	16.1 mm	Depth (inches)	0.6339 inch
Height	16.1 mm	Height (inches)	0.6339 inch
Width	74.75 mm	Width (inches)	2.9429 inch
Net weight	25.87 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

Basic material	KrG	Insulating material	KrG
Colour	medium yellow	UL 94 flammability rating	V-2

System specifications

End cover plate required	No	Number of potentials	1
Number of levels	1	Mounting rail	Mounting plate

Additional technical data

Explosion-tested version	No

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 12	Connection direction	on side
Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	16	Clamping range, max.	4 mm²
Clamping range, min.	0.33 mm²	Wire connection cross section AWG, min.	AWG 22
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.33 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.33 mm²	Wire connection cross section, finely stranded, max.	2.5 mm²

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Wire connection cross section, finely stranded, min.	0.33 mm²	Connection cross-section, stranded, max.	2.5 mm²
Connection cross-section, stranded, min.	0.33 mm²	Wire connection cross-section, solid core, max.	4 mm²
Wire connection cross-section, solid core, min.	0.33 mm²		

Dimensions

Fixing dimension	18.5 mm

General

Number of poles	8	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 22	Standards	IEC 60947-7-1
Mounting rail	Mounting plate		

Rating data

Rated cross-section	2.5 mm²	Rated voltage	400 V
Rated DC voltage	400 V	Nominal current	24 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Power loss in accordance with IEC 60947-7-x	0.77 W		

Classifications

ETIM 8.0	EC001284	ETIM 9.0	EC001284
ETIM 10.0	EC001284	ECLASS 14.0	27-14-11-06
ECLASS 15.0	27-14-11-06		