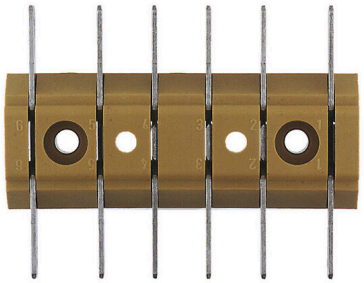
Data sheet

MF 1/6 2X6.3/2.8

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

www.weidmueller.com

Product image



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, Flat-blade connection, medium yellow, 2.5 mm², 6 A, 400 V, Number of connections: 12, Number of levels: 1
Order No.	0479720000
Type	MF 1/6 2X6.3/2.8
GTIN (EAN)	4008190100469
Qty.	100 items

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

Dimensions and weights

Depth	12.5 mm	Depth (inches)	0.4921 inch
Height	6800 mm	Height (inches)	267.716 inch
Width	113 mm	Width (inches)	4.4488 inch
Net weight	17.85 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	Colour	medium yellow
UL 94 flammability rating	5VA, V-0		

System specifications

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

Additional technical data

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

CSA rating data

Certificate No. (CSA)	12400-221	Voltage size B (CSA)	150 V
Current size B (CSA)	20 A	Voltage size D (CSA)	300 V
Current size D (CSA)	10 A		

Conductors for clamping (additional connection)

Connection type, additional connection	Flat-blade connection

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Technical data

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 14	Connection direction	on side
Type of connection 2	Solder connection	Type of connection	Flat-blade connection
Number of connections	12	Clamping range, max.	2.5 mm²
Clamping range, min.	0.5 mm²	Wire connection cross section AWG, min.	AWG 20
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²
Wire connection cross section, finely stranded, max.	2.5 mm²	Wire connection cross section, finely stranded, min.	0.5 mm²
Connection cross-section, stranded, max.	2.5 mm²	Connection cross-section, stranded, min.	0.5 mm²
Wire connection cross-section, solid core, max.	2.5 mm²	Wire connection cross-section, solid core, min.	0.5 mm²

Dimensions

Fixing dimension	34 mm

General

Number of poles	6	Wire connection cross section AWG, max.	AWG 14
Installation advice	Direct mounting	Wire connection cross section AWG, min.	AWG 20
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	6 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

Voltage size B (UR)	300 V	Current size B (UR)	10 A
Current size D (UR)	10 A	Certificate No. (UR)	E60693
Voltage size D (UR)	300 V		

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		