

MF 1/6 4X6.3/2.8**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

Are you looking for an interface from electrical engineering to electronics? To be able to feed through to the electronic devices on the panel sometimes a solder connection or a standard pluggable solution is appropriate.

General ordering data

Version	Multipin terminal strip, Single- and multi-pole terminal strip, Rated cross-section: 2.5 mm ² , Flat-blade connection, Direct mounting
Order No.	0480020000
Type	MF 1/6 4X6.3/2.8
GTIN (EAN)	4008190100872
Qty.	100 pc(s).

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Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	12.5 mm	Depth (inches)	0.492 inch
Height	6,800 mm	Height (inches)	267.716 inch
Width	52 mm	Width (inches)	2.047 inch
Net weight	26.19 g		

Temperatures

Storage temperature	-25 °C...55 °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, V-0		

System specifications

Version	For the mounting rails	End cover plate required	No
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Additional technical data

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

CSA rating data

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

Conductors for clamping (rated connection)

Connection direction	on side	Number of connections	8
Type of connection	Flat-blade connection	Wire connection cross section, finely stranded, max.	2.5 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Wire connection cross-section, solid core, max.	2.5 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

General

Installation advice	Direct mounting	Number of poles	6
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Rating data

Rated cross-section	2.5 mm ²	Rated voltage	400 V
Rated current	6 A	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		

Data sheet

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Technical data

UL rating data

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

Classifications

ETIM 6.0	EC001284	ETIM 7.0	EC001284
ETIM 8.0	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

Approvals

Approvals



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

Downloads

Approval/Certificate/Document of Conformity	EAC certificate Declaration of Conformity CE Declaration of Conformity all terminals UKCA declaration of conformity
Engineering Data	CAD data – STEP
Engineering Data	WSCAD
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format