

**OMNIMATE Housing - MICROBOX
MHS 6****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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www.weidmueller.com



Closed housing, 6.1 mm wide, with six screw connections. The two upper connections can be interconnected with a plug-in cross-connector.

General ordering data

Type	MHS 6
Order No.	1925740000
Version	Small housing, OMNIMATE Housing - MICROBOX Pebble grey, Width: 6.1 mm
GTIN (EAN)	4032248567935
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Length	88 mm	Length (inches)	3.465 inch
Width	6.1 mm	Width (inches)	0.24 inch
Height	97.8 mm	Height (inches)	3.85 inch
Net weight	33.1 g		

System characteristics

Type of connection	Clamping yoke connection	Number of connections	6
Number of connection levels	3	Number of PCBs per module	1
PCB thickness	1 mm	Type of contact to PCB	Solder connection, direct
Tolerance for the PCB shape	±0.1 mm	Cross-connection	Yes
Continuous current of cross-connection	10 A	Continuous current of cross-connection/ PCB	32 A
Contact to terminal rail	No	Protection degree	IP20
Encapsulation option	Yes	Power loss, max.	0.8 W

Material data

Insulating material	Wemid (PA)	Colour	Pebble grey
Colour chart (similar)	RAL 7032	Insulating material group	IIIa
Comparative Tracking Index (CTI)	≥ 600	UL 94 flammability rating	V-0
Contact material	CuZn	Contact surface	tinned
Storage temperature, min.	-25 °C	Storage temperature, max.	55 °C
Max. relative humidity during storage	80 %	Operating temperature, min.	-50 °C
Operating temperature, max.	120 °C	Temperature range, installation, min.	-25 °C
Temperature range, installation, max.	120 °C		

Rated data acc. to IEC

Rated current, max. number of poles (Tu=20°C)	10 A	Rated current, max. number of poles (Tu=40°C)	10 A
Rated voltage for surge voltage class / pollution degree II/2	400 V	Rated voltage for surge voltage class / pollution degree III/2	320 V
Rated voltage for surge voltage class / pollution degree III/3	250 V	Rated impulse voltage for surge voltage class/ pollution degree II/2	4 kV
Rated impulse voltage for surge voltage class/ pollution degree III/2	4 kV	Rated impulse voltage for surge voltage class/ contamination degree III/3	4 kV

Classifications

ETIM 6.0	EC001031	ETIM 7.0	EC001031
eClass 9.0	27-18-27-02	eClass 9.1	27-18-27-92
eClass 10.0	27-18-27-02		

Approvals

ROHS	Conform
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Downloads

Brochure/Catalogue	FL ANALO.SIGN.CONV. EN MB DEVICE MANUF. EN CAT 2 PORTFOLIOGUIDE EN FL MACHINE SAFETY EN FL 72H SAMPLE SER EN PO OMNIMATE EN
Engineering Data	PCB contour with soldering pads
Technical Documentation	PCB contour drawing

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Drawings