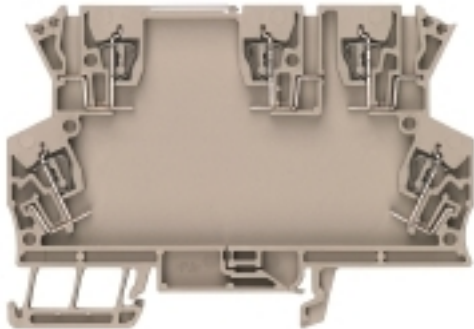


## OMNIMATE Housing - TERMINALBOX MCZ 5 SET

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com



Open miniature housing in modular terminal format with five tension clamp connections. A transparent hinged top plate can be used for labelling and provides access to potentiometer and status displays. Plug-in cross-connectors can be used to interconnect the three top connections. A cover plate for closing off the housing is also available.

### General ordering data

Type	MCZ 5 SET
Order No.	<a href="#">8397760000</a>
Version	Electronics housings, OMNIMATE Housing - TERMINALBOX grey-beige, Terminal support, Width: 6 mm
GTIN (EAN)	4008190398545
Qty.	1 pc(s).

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### Technical data

#### Dimensions and weights

Length	91 mm	Length (inches)	3.583 inch
Width	6 mm	Width (inches)	0.236 inch
Height	63 mm	Height (inches)	2.48 inch
Net weight	1,662 g		

#### System characteristics

Version	Terminal support	Type of connection	Tension-clamp connection
Number of connections	5	Number of connection levels	2
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
Max. power loss	0.8 W		

#### Material data

Colour	grey-beige	Insulating material group	IIIa
CTI	≥ 600	UL 94 flammability rating	V-0
Contact base material	CuZn	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. no. of poles (Tu=20°C)	10 A	Rated current, max. no. 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 3.0	EC001284	ETIM 6.0	EC001031
UNSPSC	30-21-18-01	eClass 6.2	27-27-09-90
eClass 7.1	27-27-09-90	eClass 8.1	27-27-09-90
eClass 9.0	27-18-27-02	eClass 9.1	27-18-27-92

#### Notes

Notes

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**Technical data****Approvals**

Approvals



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Brochure/Catalogue

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[MB DEVICE MANUF. EN](#)  
[FL MACHINE SAFETY EN](#)  
[FL 72H SAMPLE SER EN](#)  
[PO OMNIMATE EN](#)

Engineering Data

[PCB contour with soldering pads](#)