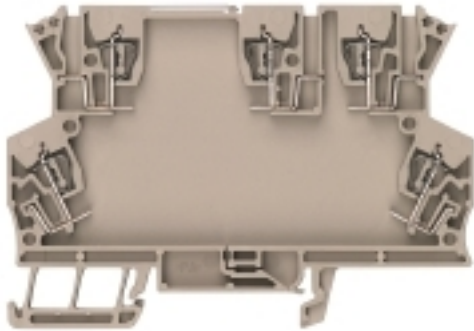


**OMNIMATE Housing - TERMINALBOX
MCZ 5 SET**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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.	8397760000
Version	Small housing, OMNIMATE Housing - TERMINALBOX grey-beige, Terminal support, Width: 6 mm
GTIN (EAN)	4008190398545
Qty.	1 pc(s).

Creation date May 1, 2020 7:40:44 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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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
Power loss, max.	0.8 W		

Material data

Colour	grey-beige	Insulating material group	IIIa
Comparative Tracking Index (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. 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	UNSPSC	30-21-18-01

Approvals

Approvals



ROHS

Conform

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Technical data**Downloads**

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

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Accessories

ZQV 4



Spring connection with tension clamp Technology
Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

General ordering data

Type	ZQV 4/4 GE	Version
Order No.	1608970000	Accessories, Cross-connector, 32 A
GTIN (EAN)	4008190263249	
Qty.	60 pc(s).	
Type	ZQV 4/10 GE	Version
Order No.	1609030000	Accessories, Cross-connector, 32 A
GTIN (EAN)	4008190263300	
Qty.	20 pc(s).	
Type	ZQV 4/2 GE	Version
Order No.	1608950000	Accessories, Cross-connector, 32 A
GTIN (EAN)	4008190263225	
Qty.	60 pc(s).	