

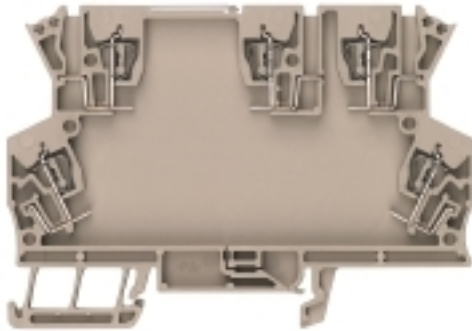
MCZ 5 SET**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Version	Mounting rail housing, OMNIMATE Housing - TERMINALBOX grey-beige, Enclosure set, Connection technology, Width: 6 mm
Order No.	8397760000
Type	MCZ 5 SET
GTIN (EAN)	4008190398545
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Depth	62 mm	Depth (inches)	2.441 inch
Height	100 mm	Height (inches)	3.937 inch
Width	6 mm	Width (inches)	0.236 inch
Net weight	1,662 g		

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

Material data

Comparative Tracking Index (CTI)	≥ 600	Insulating material	PA 66/6
Insulating material group	I	Material	Wemid
Surface finish	untreated	UL 94 flammability rating	V-0

General data

Colour	grey-beige	Encapsulation option	Yes
Protection degree	IP20 in installed state	Rail	TS 32, TS 35

Design - IN requirements

PCB thickness	1 mm	Tolerance for the PCB shape	±0.1 mm
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Assembly properties

Number of connection levels	2	Number of PCBs, max.	1
Number of ventilation openings	0	Number of poles	5
Continuous current of cross-connection	10 A	Continuous current of cross-connection/ PCB	32 A
Cross-connection	Yes	Type of contact to PCB	Solder connection, direct
Type of connection	Tension-clamp connection		

Housing properties

Flip cover mountable	Yes	Marker integrateable	Yes
Cut out as preparation for functional port integrated	No	Continuous current of cross-connection	10 A
Cross-connection	Yes	Number of connection levels	2
Number of poles	5		

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Technical data**Connectable conducteurs**

Wire connection method	Clamping yoke connection	Stripping length	8 mm
Blade size	0.6 x 3.5 mm	Clamping range, min.	0.13 mm ²
Clamping range, max.	2.5 mm ²	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 14	Solid, min. H05(07) V-U	0.5 mm ²
Solid, max. H05(07) V-U	2.5 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.5 mm ²	w. plastic collar ferrule, DIN 46228 pt 4, max.	1.5 mm ²
w. wire end ferrule, DIN 46228 pt 1, min.	0.5 mm ²	w. wire end ferrule, DIN 46228 pt 1, max.	1.5 mm ²
Max. clamping range	2.5 mm ²		

Classifications

ETIM 7.0	EC001031	ETIM 8.0	EC001031
ETIM 9.0	EC001031	ETIM 10.0	EC001031
ECLASS 11.0	27-18-27-02	ECLASS 12.0	27-18-27-02
ECLASS 13.0	27-19-05-01	ECLASS 14.0	27-19-01-01
ECLASS 15.0	27-19-01-01		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

ROHS	Conform
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Downloads

Engineering Data	CAD data – PCB contour with soldering pads CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL ANALO.SIGN.CONV. EN MB DEVICE MANUF. EN FL MACHINE SAFETY EN FL 72H SAMPLE SER EN PO OMNIMATE EN