

MCZ 5

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

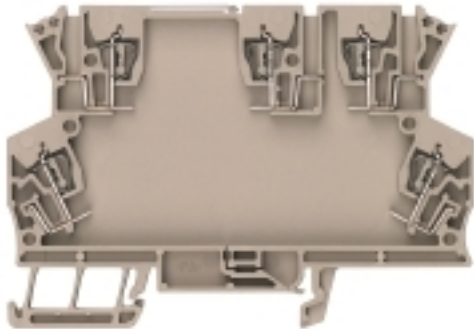
32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

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	Small housing, OMNIMATE Housing - TERMINALBOX grey-beige, Flange-mounted housing, Width: 6 mm
Order No.	8857560000
Type	MCZ 5
GTIN (EAN)	4032248575718
Qty.	10 Stück

MCZ 5

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

Technische Daten

Dimensions and weights

Height	63 mm	Height (inches)	2.48 inch
Width	6 mm	Width (inches)	0.236 inch
Length	91 mm	Length (inches)	3.583 inch
Net weight	4.74 g		

Temperatures

Operating temperature, min.	-50 °C	Operating temperature, 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

Design - IN requirements

PCB thickness	1 mm	Tolerance for the PCB shape	±0.1 mm
---------------	------	-----------------------------	---------

Assembly properties

Number of connection levels	2	Number of PCBs, max.	1
Continuous current of cross-connection		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
----------------------	-----	----------------------	-----

Connectable conducteurs

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		w. plastic collar ferrule, DIN 46228 pt 4, min.	0.5 mm ²
	0.5 mm ²	w. wire end ferrule, DIN 46228 pt 1, min.	0.5 mm ²
w. plastic collar ferrule, DIN 46228 pt 4, max.	1.5 mm ²	Max. clamping range	2.5 mm ²
w. wire end ferrule, DIN 46228 pt 1, max.	1.5 mm ²		

General data

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

Erstellungs-Datum June 5, 2023 10:51:55 AM CEST

Katalogstand 26.05.2023 / Technische Änderungen vorbehalten

MCZ 5

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

Technische Daten

Material data

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

Classifications

ETIM 6.0	EC001031	ETIM 7.0	EC001031
ETIM 8.0	EC001031	ECLASS 9.0	27-18-27-02
ECLASS 9.1	27-18-27-92	ECLASS 10.0	27-18-27-02
ECLASS 11.0	27-18-27-02	ECLASS 12.0	27-18-27-02

Approvals

Approvals



ROHS Conform

Downloads

Engineering Data	CAD data – PCB contour with soldering pads CAD data – STEP
Engineering Data	EPLAN
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 PO OMNIMATE EN