

MCZ 5 PE BG**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, PE contact, Width: 7 mm
Order No.	2054290000
Type	MCZ 5 PE BG
GTIN (EAN)	4050118412451
Qty.	100 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	62.8 mm	Depth (inches)	2.4724 inch
Height	91 mm	Height (inches)	3.5827 inch
Width	7 mm	Width (inches)	0.2756 inch
Net weight	4.74 g		

Environmental Product Compliance

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

Rated data acc. to IEC

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

Material data

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

General data

Colour	grey-beige	Protection degree	IP20, IP20 in installed state
Mounting rail	TS 32, TS 35	Colour chart (similar)	
Encapsulation option	Yes		

Assembly properties

Number of connection levels	2	Number of PCBs, max.	1
Continuous current of cross-connection	10 A	Continuous current of cross-connection/ 32 A PCB	
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 in clip-on foot area as preparation for	PE-contact, Contact included!	Continuous current of cross-connection	10 A
Cross-connection	Yes	Number of connection levels	2

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

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Wire connection cross section AWG,	AWG 26
min.	

w. plastic collar ferrule, DIN 46228 pt 4, 0.5 mm ²
min.

Max. clamping range	2.5 mm ²
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Wire connection cross section AWG,	AWG 14
max.	

w. plastic collar ferrule, DIN 46228 pt 4, 1.5 mm ²
max.

Classifications

ETIM 8.0

EC000261

ETIM 10.0

EC000261

ECLASS 15.0

27-18-01-92

ETIM 9.0

EC000261

ECLASS 14.0

27-18-01-92