Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

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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

Data sheet

MCZ 5 PE BG

Technical data

Approvals

ROHS	Conform

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/ 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 in clip-on foot area as preperation for	PE-contact, Contact included!	Continuous current of cross-connection	10 A
Cross-connection	Yes	Number of connection levels	2

Connectable coducteurs

Stripping length	8 mm	Blade size	0.6 x 3.5 mm
Clamping range, min.	0.13 mm²	Clamping range, max.	2.5 mm²

Creation date 11.03.2026 04:17:54 MEZ

MCZ 5 PE BG

Technical data

Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 14
w. plastic collar ferrule, DIN 46228 pt 4, min.	0.5 mm²	w. plastic collar ferrule, DIN 46228 pt 4, max.	1.5 mm²
Max. clamping range	2.5 mm²		

Classifications

ETIM 8.0	EC000261	ETIM 9.0	EC000261
ETIM 10.0	EC000261	ECLASS 14.0	27-18-01-92
ECLASS 15.0	27-18-01-92		

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Accessories

Cross-connections

The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

General ordering data

Type	ZQV 4N/10 SW	Version	
Order No.	1794060000	W-Series, Cross-connector, 32 A	
GTIN (EAN)	4032248234059		
Qty.	20 ST		
Type	ZQV 4N/20 SW	Version	
Order No.	1909120000	W-Series, Cross-connector, 32 A	
GTIN (EAN)	4032248535804		
Qty.	20 ST		
Type	ZQV 4N/3 SW	Version	
Order No.	1794000000	W-Series, Cross-connector, 32 A	
GTIN (EAN)	4032248233793		
Qty.	60 ST		
Type	ZQV 4N/4 SW	Version	
Order No.	1794030000	W-Series, Cross-connector, 32 A	
GTIN (EAN)	4032248233915		
Qty.	60 ST		
Type	ZQV 4N/41 SW	Version	
Order No.	1794090000	W-Series, Cross-connector, 32 A	
GTIN (EAN)	4032248234165		
Qty.	10 ST		
Type	ZQV 4N/10	Version	
Order No.	1528090000	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:	
GTIN (EAN)	4050118332896	10, Pitch in mm (P): 6.10, Insulated: Yes, Width: 58.7 mm	
Qty.	20 ST		
Type	ZQV 4N/2	Version	
Order No.	1527930000	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:	
GTIN (EAN)	4050118332766	2, Pitch in mm (P): 6.10, Insulated: Yes, Width: 9.9 mm	
Qty.	60 ST		
Type	ZQV 4N/3	Version	
Order No.	1527940000	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:	
GTIN (EAN)	4050118332865	3, Pitch in mm (P): 6.10, Insulated: Yes, Width: 16 mm	
Qty.	60 ST		
Type	ZQV 4N/30	Version	
Order No.	2561580000	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:	
GTIN (EAN)	4050118570113	30, Pitch in mm (P): 6.10, Insulated: Yes, Width: 181.7 mm	
Qty.	5 ST		
Type	ZQV 4N/32	Version	
Order No.	2561670000	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:	
GTIN (EAN)	4050118570175	32, Pitch in mm (P): 6.10, Insulated: Yes, Width: 193.9 mm	
Qty.	5 ST		

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Accessories

Type	ZQV 4N/4	Version	
Order No.	1527970000	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:	
GTIN (EAN)	4050118332889	4, Pitch in mm (P): 6.10, Insulated: Yes, Width: 22.1 mm	
Qty.	60 ST		
Type	ZQV 4N/5	Version	
Order No.	1527980000	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:	
GTIN (EAN)	4050118332759	5, Pitch in mm (P): 6.10, Insulated: Yes, Width: 28.2 mm	
Qty.	60 ST		
Type	ZQV 4N/50	Version	
Order No.	1528130000	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:	
GTIN (EAN)	4050118332902	50, Pitch in mm (P): 6.10, Insulated: Yes, Width: 303.7 mm	
Qty.	5 ST		
Type	ZQV 4N/6	Version	
Order No.	1527990000	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:	
GTIN (EAN)	4050118332919	6, Pitch in mm (P): 6.10, Insulated: Yes, Width: 34.3 mm	
Qty.	20 ST		
Type	ZQV 4N/7	Version	
Order No.	1528020000	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:	
GTIN (EAN)	4050118332780	7, Pitch in mm (P): 6.10, Insulated: Yes, Width: 40.4 mm	
Qty.	20 ST		
Type	ZQV 4N/8	Version	
Order No.	1528030000	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:	
GTIN (EAN)	4050118332841	8, Pitch in mm (P): 6.10, Insulated: Yes, Width: 46.5 mm	
Qty.	20 ST		
Type	ZQV 4N/9	Version	
Order No.	1528070000	Cross-connector (terminal), Plugged, orange, 32 A, Number of poles:	
GTIN (EAN)	4050118332797	9, Pitch in mm (P): 6.10, Insulated: Yes, Width: 52.6 mm	
Qty.	20 ST		