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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**MCZ-SERIES
MCZ R 60VDC**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
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The MCZ R relay couplers, with a width of only 6 mm, are the thinnest in their class.

They are distinguished by the following features:

- Tension clamp connection
- Integrated cross-connection in input/output.

Clampable conductor cross-section is 0.5 to 1.5 mm²

General ordering data

Order No.	8470380000
Part designation	MCZ R 60VDC
Version	MCZ-SERIES, Relays, No. of contacts: 1, CO contact, Rated control voltage: 60 V DC ±20 %, Tension clamp connection
GTIN (EAN)	4032248046775
Qty.	10 pc(s).

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Technical data

Dimensions

Length	91 mm	Width	6 mm
Height	63.2 mm		

Temperature

Ambient temperature (operational)	-25 °C...+55 °C	Storage temperature	-40 °C...+60 °C
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Input

Rated voltage	300 V	Rated control voltage	60 V DC ±20 %
Pull-in (sparkover) / drop-out voltage DC coil approx. 38 V / approx. 14 V		Rated current DC	3 mA
Pull-in / drop-out current, DC coil	2.7 mA	Power rating	180 mW
Status indicator	Green LED		

Output

Continuous current	6 A	Max. switching current	6 A
Max. switching frequency at rated load	0.1 Hz	Min. switching current	100 mA
Switch-off delay	≤ 10 ms	Switch-on delay	4.5 ms
Switching voltage AC, max.	250 V	making current	6 A
max. switching capacity	1500 VA	min. switching capacity	12 V / 100 mA

Contact data

Contact design	CO contact	No. of contacts	1
Contact material	AgSnO2	Mechanical service life	20 x 10 ⁶ switching cycles

Rated data

Conductor connection system	Tension clamp connection	DIN Rail compatibility	TS 35
Humidity	40°C / 93% rel. humidity, no condensation	Solid, max.	1.5 mm ²

Insulation coordination (EN 50 178)

Clearance and creepage distances for control/load side	≥ 5.5 mm	Dielectric strength to mounting rail	4 kV _{eff} / 1 min.
Impulse withstand voltage	6 kV	Overvoltage category	III
Pollution severity	2	Protection class	IP 20
Protective separation acc. to VDE 0106 part 101	Yes	Rated voltage	300 V

Other technical data

Free-wheel diode	Yes	Reverse polarity protection	Available
Status indicator	Green LED	Version	Relay coupler

Approvals

Approvals institutes	GOSTME25; CE
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Classifications

ETIM 2.0	EC001437	ETIM 3.0	EC001437
eClass 5.1	27-37-16-01	eClass 6.0	27-37-16-01

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Last update 27.09.2010 / We reserve the right to make technical changes.

Datasheet**MCZ-SERIES
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Technical data**Notes**

Note, technical data

End plate AP MCZ 1.5: 8389030000
for cross-connectors and markers - refer to MCZ Series accessories