Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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!

Contact us

Weidmüller ⅢΞ

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.	8420880000
Part designation	MCZ R 120VAC
Version	MCZ-SERIES, Relays, No. of contacts: 1, CO contact, Rated control voltage: 120 V AC -15 % / +10 %, Tension clamp connection
GTIN (EAN)	4008190227036
Qty.	10 pc(s).

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Weidmüller ⊒E

MCZ-SERIES
MCZ R 120VAC

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

Input

Rated voltage	300 V	Rated control voltage	120 V AC -15 % / +10 %
Response / drop-out voltage AC coil	approx. 70 V / approx. 22 V	Rated current AC	7 mA
Pull-in / drop-out current, AC coil	4 mA // 1.3mA	Power rating	0.85 VA
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	43 ms	Switch-on delay	15 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	20×10^6 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 mm²

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

Bridge rectifier	Yes	Free-wheel diode	No
Reverse polarity protection	not available	Status indicator	Green LED
Version	Relay coupler		

Approvals

Approvals institutes	CSA; CURUS; GOSTME25; CE		

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

Weidmüller 3E

MCZ-SERIES
MCZ R 120VAC

Technical data

Classifications

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

Notes

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

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