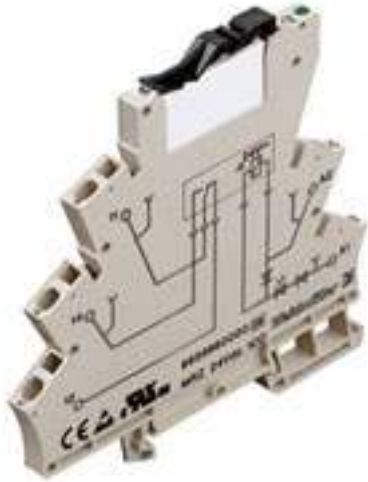


MICROSERIES MRZ 230Vac 1CO

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
 www.weidmueller.com



Relays of the MICROSERIES are used for isolating and coupling digital signals.

They are characterised by the following features:

- modular width 6.1 mm
- Pluggable relay
- Pluggable cross-connection for four voltages in input and output circuits,
- innovative retention and ejection aid,
- LED operating indicator, reverse polarity protection diode, free-wheeling diode

General ordering data

Order No.	8556090000
Part designation	MRZ 230Vac 1CO
Version	MICROSERIES, Relays, No. of contacts: 1, CO contact, Rated control voltage: 230 V AC $\pm 10\%$, Tension clamp connection
GTIN (EAN)	4032248195312
Qty.	10 pc(s).

MICROSERIES MRZ 230Vac 1CO

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
 www.weidmueller.com

Technical data

Dimensions

Length	94 mm	Width	6.1 mm
Height	91 mm		

Temperature

Ambient temperature (operational)	-25 °C...+50 °C	Storage temperature	-40 °C...+60 °C
-----------------------------------	-----------------	---------------------	-----------------

Input

Rated voltage	300 V	Rated control voltage	230 V AC ±10 %
Response / drop-out voltage AC coil	103 V / 49 V	Rated current AC	7.6 mA
Pull-in / drop-out current, AC coil	5 mA / 2.5mA	Power rating	1.75 VA
Status indicator	Green LED		

Output

Continuous current	6 A	Max. switching frequency at rated load	0.1 Hz
Switch-off delay	7.5 ms	Switch-on delay	9.3 ms
Switching voltage AC, max.	250 V	min. switching capacity	12 V / 100 mA

Contact data

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

Rated data

Conductor connection system	Tension clamp connection	Humidity	40°C / 93% rel. humidity, no condensation
-----------------------------	--------------------------	----------	---

Insulation coordination (EN 50 178)

Clearance and creepage distances for control/load side	≥ 5.5 mm	Impulse withstand voltage	6 kV (1.2/50 µs)
Oversoltage 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	Yes
Reverse polarity protection	Available	Status indicator	Green LED
Version	Relay coupler		

Approvals

Approvals institutes	CSA; CULUS; CURUS; GOSTME25; CE
----------------------	------------------------------------

Classifications

eClass 6.0	27-37-16-01
------------	-------------

Datasheet

MICROSERIES
MRZ 230Vac 1CO

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
www.weidmueller.com

Technical data

Notes

Note, technical data

Cross-connectors and markers - refer to MICROSERIES accessories

**MICROSERIES
MRZ 230Vac 1CO**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
 www.weidmueller.com

Drawings

Electric symbol

