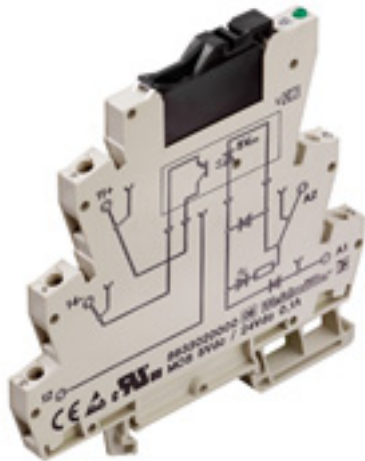


MICROSERIES
MOZ 24Vdc / 24Vdc 0,1A

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



Solid-state relays of the MICROSERIES are used for isolating and coupling digital signals.

They are characterised by the following features:

- 6.1 mm modular width
- Pluggable SSR
- Plug-in cross-connections at four potentials in input and output,
- innovative retention and ejection aid,
- LED operating indicator, reverse polarity protection diode, free-wheeling diode

General ordering data

Order No.	8607360000
Type	MOZ 24Vdc / 24Vdc 0,1A
Version	MICROSERIES, Optos, 3... 48 V DC, 0.1 A, Tension clamp connection
GTIN (EAN)	4032248266838
Qty.	10 pc(s).

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Technical data
Dimensions

Length	91 mm	Width	6.1 mm
Height	94 mm		

Temperatures

Operating temperature	-25 °C...+50 °C	Storage temperature	-40 °C...+60 °C
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Probability of failure

MTTF	5,403 Jahre
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Connection data

Clamping range, rated connection	1.5 mm ²	Clamping range, rated connection, min.	0.5 mm ²
Clamping range, rated connection, max.	2.5 mm ²		

Control side

Cut-in (switch-on) voltage	≥ 15 V DC	Dropout voltage	≤ 15 V DC
Input frequency	300 Hz	Nominal control current	5.7 mA DC
Power rating	140 mW	Protective circuit, control side	Reverse polarity protection, Integrated free-wheel diode
Rated control voltage	24 V DC ±20 %	Status display on control side	Green LED

General data

Conductor connection system	Tension clamp connection	Humidity	40°C / 93% rel. humidity, no condensation
No. of poles	1	Solid-state type	Bipolar transistor

Insulation coordination (EN 50 178)

Clearance and creepage distances for control side - load side	≥ 5.5 mm	Dielectric strength for control side - load side	2.5 KV _{eff} / 1 min.
Dielectric strength to mounting rail	4 kV _{eff} / 1 min.	Pollution severity	2
Rated impulse withstand voltage	4 kV (1.2 / 50 µs)	Rated voltage	300 V
Surge voltage category	III		

Load side

Rated switching current	0.1 A	Rated switching voltage	3... 48 V DC
Short-circuit-proof	No	Switch-off delay	355 µs
Switch-on delay	35 µs	Voltage drop at max. load	≤ 1 V

Classifications

ETIM 3.0	EC001504	eClass 6.0	27-27-09-90
eClass 7.0	27-27-09-90		

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Technical data

Approvals

Approvals



Downloads

Declaration of Conformity	K234_07_08.pdf
EPLAN	8607360000.ema
3-D model	

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Drawings**Electric symbol**