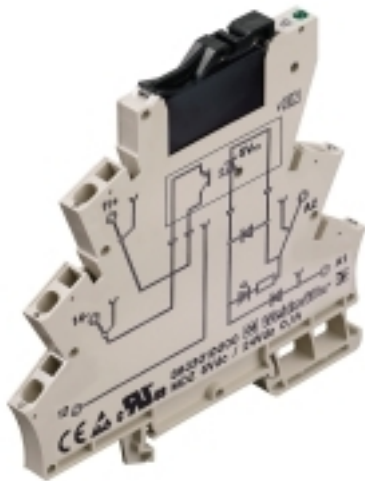


**MICROSERIES
MOZ 24Vdc / 24Vdc 2A**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 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

Type	MOZ 24Vdc / 24Vdc 2A
Order No.	8607370000
Version	MICROSERIES, Solid-state relay, Rated control voltage: 24 V DC $\pm 20\%$, Rated switching voltage: 3...33 V DC, Rated switching current: 2 A, Tension clamp connection
GTIN (EAN)	4032248266845
Qty.	10 pc(s).

Data sheet

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Technical data

Dimensions and weights

Width	6.1 mm	Height	94 mm
Depth	94 mm	Net weight	30.17 g

Temperatures

Humidity	40 °C / 93 % rel. humidity, no condensation	Operating temperature	-25 °C...50.000000 °C
Storage temperature	-40 °C...60.000000 °C		

Probability of failure

MTTF	394 Years
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control side

Cut-in / dropout voltage	15 V / 15 V DC	Rated control voltage	24 V DC ±20 %
Nominal control current	5.7 mA DC	Power rating	140 mW
Protective circuit, control side	Reverse polarity protection, Integrated free-wheel diode	Status display on control side	Green LED

Load side

Solid-state type	MOS-FET	max. switching frequency (DC control voltage)	300 Hz
Rated switching voltage	3...33 V DC	Continuous current	2 A
Rated switching current	2 A	Switch-on delay	< 55 µs
Switch-off delay	< 1.2 ms	Voltage drop at max. load	≤ 120 mV
Short-circuit-proof	No		

General data

Solid-state type	MOS-FET	No. of poles	1
Wire connection method	Tension clamp connection	Humidity	40 °C / 93 % rel. humidity, no condensation
Standards	DIN EN 50178, UL508		

Insulation coordination

Rated voltage	300 V	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.
Impulse withstand voltage	4 kV (1.2/50 µs)	Pollution severity	2
Surge voltage category	III		

Further details of approvals / standards

Certificate no. (cULus)	E141197	Standards	DIN EN 50178, UL508
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Connection data

Wire connection method	Tension clamp connection	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

Data sheet

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Technical data

Classifications

ETIM 3.0	EC001437	eClass 6.2	27-27-09-90
eClass 7.1	27-27-09-90		

Product information

Descriptive text technical data Cross-connections and markers - refer to MICROSERIES Accessories.

Approvals

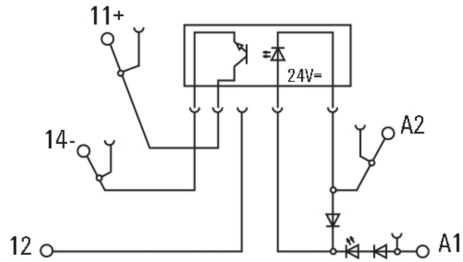
Approvals



ROHS Conform

Downloads

Declaration of Conformity	K234_07_08.pdf
EPLAN	8607370000.ema
3-D model	

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www.weidmueller.com**Drawings****Wiring diagram****Dimensioned drawing**