

MICROSERIES

MOZ 24Vdc / 24Vdc ACT

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

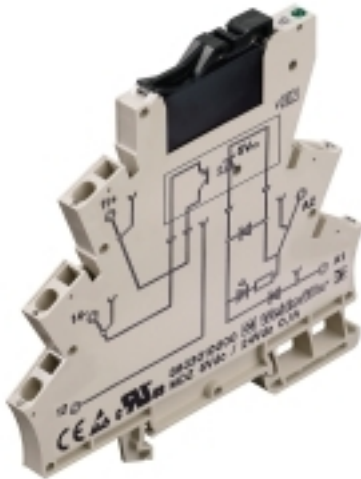
D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



Similar to illustration

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

Delivery status	Discontinued
Available until	2016-06-30
Type	MOZ 24Vdc / 24Vdc ACT
Order No.	8676230000
Version	MICROSERIES, solid-state relays, 1 NO contact (MOS-FET), Rated control voltage: 24 V DC $\pm 20\%$, Rated switching voltage: 3...33 V DC, Continuous current: 2 A, Tension-clamp connection
GTIN (EAN)	4032248341009
Qty.	10 pc(s).

Creation date July 22, 2020 4:47:25 AM CEST

MICROSERIES

MOZ 24Vdc / 24Vdc ACT

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

Dimensions and weights

Width	6.1 mm	Width (inches)	0.24 inch
Height	94 mm	Height (inches)	3.701 inch
Depth	94 mm	Depth (inches)	3.701 inch
Net weight	31.8 g		

Temperatures

Humidity	40 °C / 93 % rel. humidity, no condensation	Operating temperature, max.	50 °C
Operating temperature, min.	-25 °C	Storage temperature, max.	60 °C
Storage temperature, min.	-40 °C	Operating temperature	-25 °C...50 °C
Storage temperature	-40 °C...60 °C		

Probability of failure

MTTF	2,471 Years
------	-------------

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Control side

Rated control voltage	24 V DC ± 20 %	Nominal control current	5.7 mA DC
Power rating	140 mW ± 10 %	Cut-in / dropout voltage	15 V / 15 V DC
Status indicator	Green LED	Protective circuit	Reverse polarity protection

Load side

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

Contact data

Contact type	1 NO contact (MOS-FET)
--------------	------------------------

General data

Version	Actuator version	Rail	TS 35
Colour	beige		

Insulation coordination

Rated voltage	300 V	Pollution severity	2
Surge voltage category	III	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 μ s)	Protection degree	IP20

MICROSERIES MOZ 24Vdc / 24Vdc ACT

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data

Further details of approvals / standards

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

Connection data

Wire connection method	Tension-clamp connection	Clamping range, rated connection	1.5 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	2.5 mm ²
Blade size	0.6 x 3.5 mm		

Classifications

ETIM 6.0	EC001504	ETIM 7.0	EC001504
eClass 9.0	27-37-16-04	eClass 9.1	27-37-16-04
eClass 10.0	27-37-16-04	UNSPSC	30-21-18-01

Approvals

Approvals



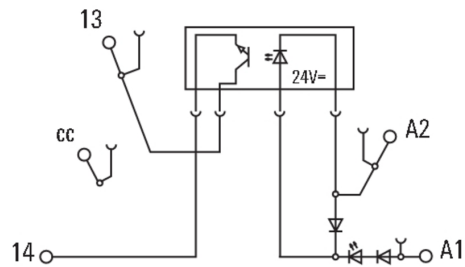
ROHS	Conform
------	---------

MICROSERIES MOZ 24Vdc / 24Vdc ACT

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings

Wiring diagram



Dimensional drawing

