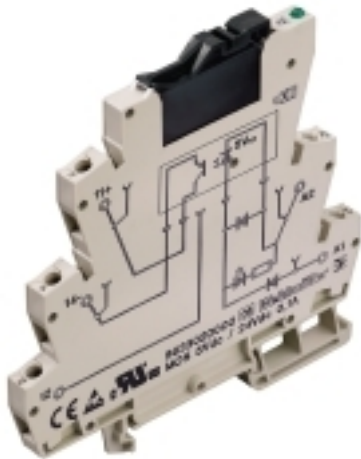


MICROSERIES MOS 24Vdc / 24Vdc 0,1A

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	MOS 24Vdc / 24Vdc 0,1A
Order No.	8607340000
Version	MICROSERIES, Solid-state relay, Rated control voltage: 24 V DC $\pm 20\%$, Rated switching voltage: 3... 48 V DC, Rated switching current: 0.1 A, Screw connection
GTIN (EAN)	4032248266807
Qty.	10 pc(s).

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Technische Daten
Dimensions and weights

Width	6.1 mm	Height	93 mm
Depth	94 mm	Net weight	32.57 g

Temperatures

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

Probability of failure

MTTF	5,403 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
Input frequency	300 Hz	Protective circuit, control side	Reverse polarity protection, Integrated free-wheel diode
Status display on control side	Green LED		

Load side

Solid-state type	Bipolar transistor	Rated switching voltage	3... 48 V DC
Continuous current	0.1 A	Rated switching current	0.1 A
Switch-on delay	35 µs	Switch-off delay	355 µs
Leakage current	< 10 µA	Voltage drop at max. load	≤ 1 V
Short-circuit-proof	No		

General data

Solid-state type	Bipolar transistor	No. of poles	1
Wire connection method	Screw 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

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

Clamping range, rated connection	2.5 mm ²	Clamping range, rated connection, max.	4 mm ²
Clamping range, rated connection, min.	0.5 mm ²	Wire connection method	Screw connection

Datenblatt

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Technische Daten

Classifications

ETIM 3.0	EC001504	UNSPSC	30-21-18-01
eClass 5.1	27-27-09-90	eClass 6.2	27-27-09-90
eClass 7.1	27-27-09-90		

Product information

Descriptive text technical data Cross-connectors and markers - refer to MICROSERIES accessories

Approvals

Approvals



ROHS Conform

Downloads

Declaration of Conformity	K234_07_08.pdf
EPLAN	8607340000.ema
3D Modell	

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Zeichnungen**Electric symbol**