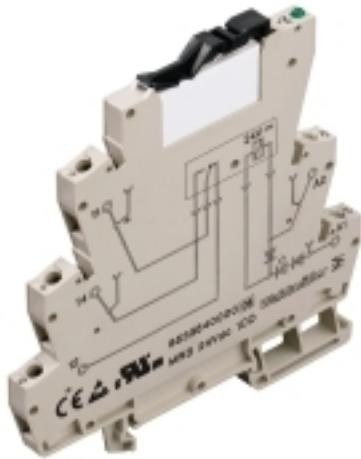


MICROSERIES MRS 24Vuc 1CO

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

Product image



Similar to illustration

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

Delivery status	This article will no longer be available in the future.
Available until	2016-06-30
Type	MRS 24Vuc 1CO
Order No.	8556050000
Version	MICROSERIES, Relays, No. of contacts: 1 CO contact AgNi, Rated control voltage: 24 V UC ± 10 %, Continuous current: 6 A, Screw connection
GTIN (EAN)	4032248195176
Qty.	10 pc(s).
Alternative product	1122780000

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Technical data**Dimensions and weights**

Width	6.1 mm	Width (inches)	0.24 inch
Height	93 mm	Height (inches)	3.661 inch
Depth	94 mm	Depth (inches)	3.701 inch
Net weight	34.37 g		

Temperatures

Humidity	40 °C / 93 % rel. humidity, no condensation	Operating temperature, max.	55 °C
Operating temperature, min.	-25 °C	Storage temperature, max.	60 °C
Storage temperature, min.	-40 °C	Operating temperature	-25 °C...55 °C
Storage temperature	-40 °C...60 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Rated data UL

Certificate No. (cURus)	E141197
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Input

Rated control voltage	24 V UC ± 10 %	Rated current AC	11 mA
Rated current DC	6.4 mA	Power rating	270 mVA / 154 mW
Pull-in/drop-out voltage, typ.	15.8 V / 7 V DC	Pull-in/drop-out current, typ.	3.6 mA / 1.3 mA DC
Status indicator	Green LED	Protective circuit	Rectifier

Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	250 V
Max. switching voltage, DC	250 V	Continuous current	6 A
Inrush current	6 A	Switch-on delay	< 9 ms
Switch-off delay	≤ 9 ms	Min. switching power	1 mA @ 24 V, 10 mA @ 10 V, 100 mA @ 5 V
Max. switching frequency at rated load	0.1 Hz		

Contact data

Contact type	1 CO contact (AgNi)	Mechanical service life	5 x 10 ⁶ switching cycles
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General data

Rail	TS 35	Test button	No
Mechanical switch position indicator	No	Colour	beige

Insulation coordination

Rated voltage	300 V	Surge voltage category	III
Pollution severity	2	Protection degree	IP20
Creepage and clearance distance input – output	≥ 5.5 mm	Dielectric strength to mounting rail	4 kV _{eff} / 1 Min.
Impulse withstand voltage	4 kV (1.2/50 μs)		

Creation date May 28, 2019 2:36:52 PM CEST

Catalogue status 23.05.2019 / We reserve the right to make technical changes.

Data sheet

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Technical data

Further details of approvals / standards

Standards	DIN EN 50178, UL508	Certificate No. (CSA)	LR82859
Certificate no. (cULus)	E141197	Certificate No. (cURus)	E14 1197

Connection data

Wire connection method	Screw connection	Clamping range, rated connection	2.5 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	4 mm ²
Blade size	0.6 x 3.5 mm		

Classifications

ETIM 3.0	EC001437	ETIM 4.0	EC001437
ETIM 5.0	EC001437	ETIM 6.0	EC001437
UNSPSC	30-21-19-17	eClass 5.1	27-37-16-01
eClass 6.2	27-37-16-01	eClass 7.1	27-37-16-01
eClass 8.1	27-37-16-01	eClass 9.0	27-37-16-01
eClass 9.1	27-37-16-01		

Approvals

Approvals



ROHS Conform

Downloads

Engineering Data [EPLAN, WSCAD](#)

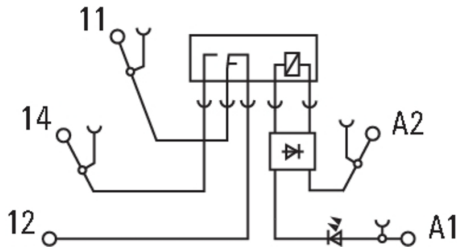
Data sheet

**MICROSERIES
MRS 24Vuc 1CO**

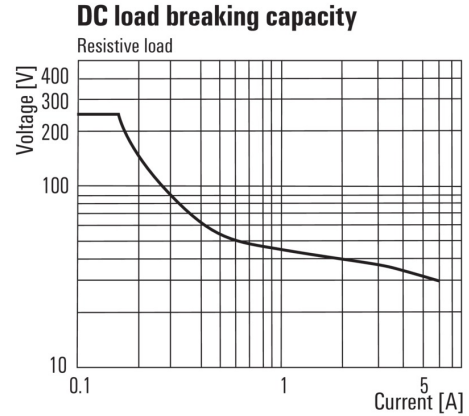
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Drawings

Wiring diagram



Graph



DC load limit curve

