



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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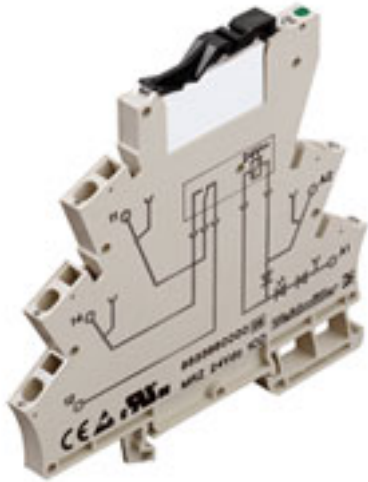
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MICROSERIES MRZ 24VDC ACT

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



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

Order No.	8660910000
Type	MRZ 24VDC ACT
Version	MICROSERIES, Relays, No. of contacts: 1, NO contact, AgNi, Rated control voltage: 24 V DC $\pm 20\%$, Continuous current: 6 A, Tension clamp connection
GTIN (EAN)	4032248326006
Qty.	10 pc(s).

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Technical data
Ratings

Conductor connection system	Tension clamp connection	Humidity	40 °C / 93 % rel. humidity, no condensation
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Dimensions and weights

Width	6.1 mm	Height	94 mm
Depth	94 mm	Net weight	33.1 g

Temperatures

Operating temperature	-25 °C...+55 °C	Storage temperature	-40 °C...+60 °C
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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		

Input

Rated control voltage	24 V DC ±20 %	Rated current DC	6.6 mA
Power rating	160 mW	Pull-in (sparkover) / drop-out voltage DC coil	16.9 V / 6.5 V
Pull-in / drop-out current, DC coil	4 mA / 1.2 mA	Status indicator	Green LED

Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	250 V
Max. switching voltage, DC making current	250 V / 6 A	Continuous current	6 A
Switch-on delay	6.6 ms	Max. switching power	1500 VA
Min. switching power	100 mA / 5 V, 10 V / 10 mA, 24 V / 1 mA	Switch-off delay	5.8 ms
		Max. switching frequency at rated load	0.1 Hz

Contact specifications

No. of contacts	1	Contact design	NO contact
Contact material	AgNi	Mechanical service life	20 x 10 ⁶ switching cycles

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	4 kV _{eff} 1s	Dielectric strength to mounting rail	4 kV _{eff} / 1 min.
Impulse withstand voltage	4 kV (1.2/50 μs)	Protection degree	IP 20
Pollution severity	2	Surge voltage category	III

Other technical data

Version	Relay coupler	Status indicator	Green LED
Free-wheel diode	Yes	Reverse polarity protection	Available

Further details of approvals / standards

Standards	DIN EN 50178
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Creation date March 11, 2013 4:50:27 PM CET

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Technical data**Classifications**

ETIM 2.0	EC001437	ETIM 3.0	EC001437
UNSPSC	30-21-19-17	eClass 4.1	40-02-06-14
eClass 5.1	27-37-16-01	eClass 6.0	27-37-16-03
eClass 7.0	27-37-16-03		

Approvals

Approvals

**Downloads**

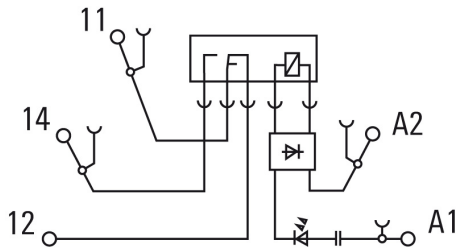
Declaration of Conformity [K205_09_09.pdf](#)
[3-D model](#)

**MICROSERIES
MRZ 24VDC ACT**

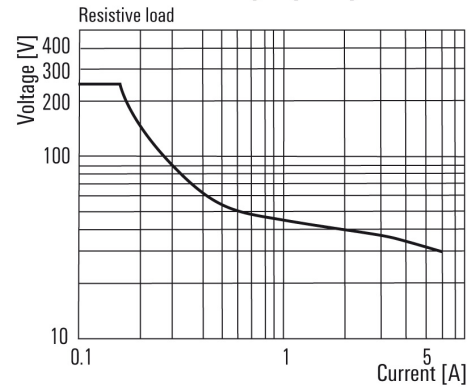
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Drawings

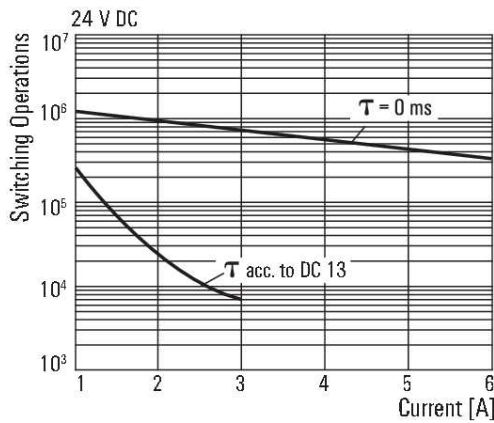
Electric symbol



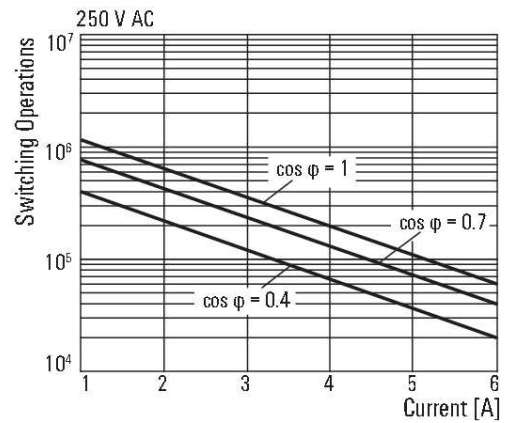
DC load breaking capacity



Electrical endurance



Electrical endurance



Derating curve

