

Single relay - REL-MR-G 24/1 - 2961037

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Pluggable replacement miniature relay, 1 N/O contact, input voltage 24 V DC

RoHS

Key Commercial Data

Packing unit	8 pc
GTIN	
GTIN	4017918087074

Technical data

Dimensions

Width	5 mm
Height	23 mm
Depth	17 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

Coil side

Nominal input voltage U_N	24 V DC
Input voltage range in reference to U_N	0.8 ... 1.1
Typical input current at U_N	5 mA
Typical response time	5 ms
Typical release time	2 ms
Coil resistance	4800 Ω $\pm$ 10 %
Power dissipation for nominal condition	0.12 W

Contact side

Contact type	1 N/O contact
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Technical data

Contact side

Type of switch contact	Double contact
Contact material	AgNi, hard gold-plated
Maximum switching voltage	250 V AC
	125 V DC
Minimum switching voltage	5 V DC
Min. switching current	1 mA
Maximum inrush current	5 A
Limiting continuous current	3 A
Interrupting rating (ohmic load) max.	72 W (at 24 V DC)
	60 W (at 48 V DC)
	50 W (at 60 V DC)
	50 W (at 110 V DC)
	750 VA (for 230 V AC)

General

Test voltage relay winding/relay contact	2 kV AC (50 Hz, 1 min.)
Operating mode	100% operating factor
Mechanical service life	approx. 2×10^7 cycles
Mounting position	any

Standards and Regulations

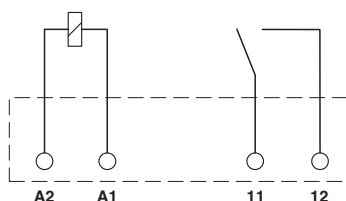
Standards/regulations	DIN VDE 0110
	IEC 255/DIN VDE 0435 (in relevant parts)

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Circuit diagram



Approvals

Approvals

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Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		RU C- DE.A*30.B.01082
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