


# REL-MR-G 24/1

Order No.: 2961037



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2961037>

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

Commercial data	
GTIN (EAN)	 4 017918 087074
Note	Made-to-order
sales group	G080
Pack	8 pcs.
Customs tariff	85364190
Catalog page information	Page 246 (IF-2009)

### Product notes

WEEE/RoHS-compliant since:  
07/25/2006



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## Technical data

Coil side	
Nominal input voltage $U_N$	24 V DC
Input voltage range in reference to $U_N$	0.8 ... 1.1
Nominal input current at $U_{IN}$	5 mA
Typical response time	5 ms

Typical release time	2 ms
Coil resistance	4800 Ω ± 10%

**Contact side**

Contact type	Double contact, 1 N/O contact
Contact material	AgNi 90/10, + 5 µm hard gold-plated
Maximum switching voltage	250 V AC
	125 V DC
Minimum switching voltage	5 V DC
Maximum inrush current	5 A
Min. switching current	1 mA
Limiting continuous current	3 A
Interrupting rating (ohmic load) max.	72 W (at 24 V DC)
	60 W (for 48 V DC)
	50 W (for 60 V DC)
	50 W (for 110 V DC)
	750 VA (for 230 V AC)

**General data**

Width	5 mm
Height	23 mm
Depth	17 mm
Test voltage relay winding/relay contact	2 kV AC (50 Hz, 1 min.)
Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Operating mode	100% operating factor
Mechanical service life	Approx. 2 x 10 <sup>7</sup> cycles
Standards/regulations	DIN VDE 0110
	IEC 255/DIN VDE 0435 (in relevant parts)
Mounting position	Any

**Certificates / Approvals**



Certification

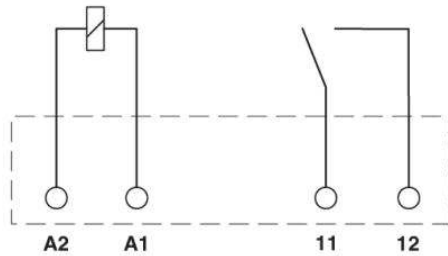
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**Diagrams/Drawings**

Circuit diagram

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Schematic diagram

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