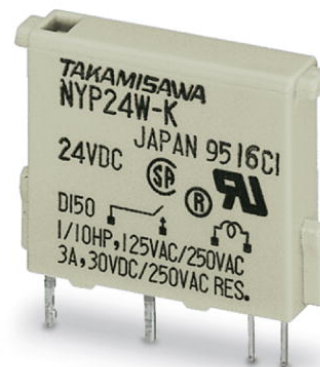



# REL-MR-G 24/1

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



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

## 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 $\Omega \pm 10\%$

**Contact side**

Contact type	Double contact, 1 N/O contact
Contact material	AgNi 90/10, + 5 $\mu\text{m}$ 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. $2 \times 10^7$ cycles
Standards/regulations	DIN VDE 0110 IEC 255/DIN VDE 0435 (in relevant parts)
Mounting position	Any

**Certificates / Approvals**



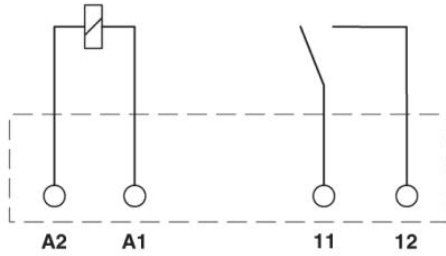
Certification GOST

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**Diagrams/Drawings**

Circuit diagram

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Schematic diagram

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