

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid
(<http://phoenixcontact.com/download>)



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



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	8 pc
GTIN	 4 017918 087074
Weight per Piece (excluding packing)	6.75 g
Custom tariff number	85364190
Country of origin	Germany

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

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

Technical data

Coil side

Typical release time	2 ms
Coil resistance	4800 Ω $\pm$ 10 %
Power dissipation for nominal condition	0.12 W

Contact side

Contact type	Double contact, 1 N/O 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
Standards/regulations	DIN VDE 0110
	IEC 255/DIN VDE 0435 (in relevant parts)
Mounting position	any

Standards and Regulations

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

Classifications

eCl@ss

eCl@ss 4.0	27371104
eCl@ss 4.1	27371104
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001

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

Classifications

eCl@ss

eCl@ss 7.0	27371001
eCl@ss 8.0	27371601
eCl@ss 9.0	27371601

ETIM

ETIM 2.0	EC000196
ETIM 3.0	EC000196
ETIM 4.0	EC000196
ETIM 5.0	EC001437

UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approvals submitted

Approval details

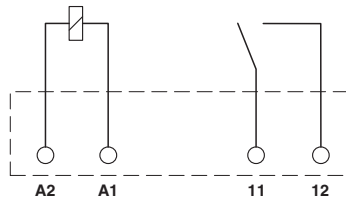
EAC

EAC

Drawings

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

Circuit diagram



Schematic diagram

