

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



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	8 pc
GTIN	 4 017918 087074
GTIN	4017918087074
Weight per Piece (excluding packing)	6.750 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

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Technical data

Coil side

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
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)
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Environmental Product Compliance

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

eCl@ss

eCl@ss 5.0	27371601
eCl@ss 5.1	27371600
eCl@ss 6.0	27371600
eCl@ss 7.0	27371601
eCl@ss 8.0	27371601
eCl@ss 9.0	27371601

ETIM

ETIM 2.0	EC001437
ETIM 3.0	EC001437
ETIM 4.0	EC001437
ETIM 5.0	EC001437
ETIM 6.0	EC001437
ETIM 7.0	EC001437

UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39122334

Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approval details

EAC		TR_TS_D_00573_c
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Approvals

EAC



TR_TS_S_00010_c