

Single relay - REL-IR4/24DC/4X21 - 2907054

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Plug-in industrial relay with power contacts, 4 changeover contacts, test key, mechanical switch position indicator, polarity: bipolar, input voltage: 24 V DC



Key Commercial Data

Packing unit	10 pc
GTIN	 4 055626 175782
GTIN	4055626175782
Weight per Piece (excluding packing)	34.000 g
Custom tariff number	85364190
Country of origin	Poland

Technical data

Dimensions

Width	21.2 mm
Height	27.5 mm
Depth	35.6 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Degree of protection	RT I

Coil side

Nominal input voltage U_N	24 V DC
Input voltage range in reference to U_N	see diagram
Typical input current at U_N	38 mA
Typical response time	13 ms
Typical release time	3 ms

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Technical data

Coil side

Power dissipation for nominal condition	0.91 W
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Contact side

Contact type	4 PDTs
Type of switch contact	Single contact
Contact material	AgNi
Maximum switching voltage	250 V AC/DC
Minimum switching voltage	5 V (At 24 mA)
Min. switching current	5 mA (at 24 V)
Maximum inrush current	16 A (20 ms, N/O contact) 12 A (4 s, N/O contacts)
Limiting continuous current	6 A
Interrupting rating (ohmic load) max.	144 W (at 24 V DC) 124 W (at 48 V DC) 108 W (at 60 V DC) 52 W (at 110 V DC) 48 W (at 220 V DC) 1500 VA (for 250 V AC)
Switching capacity min.	0.12 W
Switching capacity	2 A (at 24 V, DC13) 1 A (at 230 V, AC15)

General

Test voltage relay winding/relay contact	2.5 kV _{rms} (50 Hz, 1 min.)
Test voltage PDT/PDT	2.5 kV _{rms} (50 Hz, 1 min.)
Operating mode	100% operating factor
Mechanical service life	1x 10 ⁷ cycles, approximately
Mounting position	any

Connection data

Connection method	Plug connection
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Standards and Regulations

Standards/regulations	IEC 60664 IEC 61810
Rated insulation voltage	250 V AC
Rated surge voltage	2.5 kV
Insulation	Basic insulation
Pollution degree	2
Overvoltage category	II

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
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