

Relay Module - PR2-RSC3-LDP-24DC/4X21AU - 2834724

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Preassembled relay modules with screw connection, consisting of: Relay socket, industrial relay with integrated LED, free-wheeling diode and engage/disengage manual actuate lever, and retaining bracket. Input voltage: 24 V DC, four PDTs with gold-plated contacts, 5 A

The figure shows the 24 V DC version

Why buy this product

- With DC types, freewheeling diode is integrated in relay
- Relay with detectable manual operation and status LED
- Mechanical switch position indicator
- 4 PDT types with multi-layer gold contacts
- Logical contact arrangement thanks to 1/3-level relay base



Key Commercial Data

Packing unit	5 STK
Minimum order quantity	5 STK
GTIN	 4 046356 044554
GTIN	4046356044554
Weight per Piece (excluding packing)	115.270 g
Custom tariff number	85364900
Country of origin	Japan

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	27 mm
Height	78.5 mm
Depth	86 mm

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Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C

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	14 ms
Protective circuit	Damping diode
Operating voltage display	Green LED
Power dissipation for nominal condition	0.91 W

Contact side

Contact type	4 PDTs
Type of switch contact	Single contact
Contact material	AgNi, hard gold-plated
Maximum switching voltage	250 V AC/DC
Minimum switching voltage	1 V
Min. switching current	1 mA
Maximum inrush current	12 A (15 ms)
Limiting continuous current	5 A
Interrupting rating (ohmic load) max.	1250 VA (for 250 V AC)
	120 W (at 24 V DC)
	110 W (at 48 V DC)
	78 W (at 60 V DC)
	55 W (at 110 V DC)
	77 W (at 220 V DC)

General

Test voltage relay winding/relay contact	2 kV (50 Hz, 1 min.)
Test voltage relay contact/relay contact	2 kV (50 Hz, 1 min.)
Operating mode	100% operating factor
Degree of protection	RT I (Relay)
Mechanical service life	5×10^7 cycles
Mounting position	any
Assembly instructions	In rows with zero spacing

Connection data input side

Connection name	Coil side
Connection method	Screw connection
Stripping length	7 mm
Conductor cross section solid	0.14 mm ² ... 2.5 mm ²