

Relay Module - PLC-RSC- 48DC/21-21AU/MS - 2910510

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PLC-INTERFACE, consisting of a relay base and pluggable multilayer gold contact relay with manual operation, integrated status LED and freewheeling diode, Screw connection, 2 PDT, Input voltage: 48 V DC



Key Commercial Data

| | |
|--------------------------------------|--------------------------------|
| Packing unit | 10 pc |
| GTIN | |
| GTIN | 4055626486642 |
| Weight per Piece (excluding packing) | 67.000 g |
| Custom tariff number | 85364190 |
| Country of origin | Germany |
| Note | Made to Order (non-returnable) |

Technical data

Note

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

Dimensions

| | |
|--------|--------|
| Width | 14 mm |
| Height | 80 mm |
| Depth | 104 mm |

Ambient conditions

| | |
|---|--------------------------------|
| Ambient temperature (operation) | -20 °C ... 60 °C |
| Ambient temperature (storage/transport) | -20 °C ... 85 °C |
| Maximum altitude | ≤ 2000 m |
| Degree of protection | RT II (Relay) |
| | IP20 (Relay base) |
| | ≥ IP54 (Installation location) |

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Technical data

Coil side

| | |
|--------------------------------|------------------|
| Nominal input voltage U_N | 48 V DC |
| Typical input current at U_N | 19 mA |
| Typical response time | 6 ms |
| Typical release time | 10 ms |
| Protective circuit | Bridge rectifier |
| Operating voltage display | Yellow LED |

Contact side

| | |
|-----------------------------|----------------|
| Contact type | 2 PDT |
| Type of switch contact | Single contact |
| Contact material | AgNi + Au |
| Maximum switching voltage | 30 V AC |
| | 36 V DC |
| Minimum switching voltage | 12 V (1 mA) |
| Min. switching current | 1 mA (12 V) |
| Maximum inrush current | 50 mA |
| Limiting continuous current | 50 mA |

Contact side (with destroyed gold layer)

| | |
|---------------------------------------|--|
| Note | the following values are applicable if a gold layer is destroyed |
| Maximum switching voltage | 250 V AC/DC |
| Minimum switching voltage | 12 V (10 mA) |
| Limiting continuous current | 6 A |
| Maximum inrush current | 12 A (20 ms) |
| Min. switching current | 10 mA (12 V) |
| Interrupting rating (ohmic load) max. | 192 W (24 V DC) |
| | 62 W (48 V DC) |
| | 42 W (60 V DC) |
| | 55 W (110 V DC) |
| | 66 W (220 V DC) |
| | 2000 VA (250 V AC) |
| Switching capacity | 1 A (24 V, DC13) |
| | 1.5 A (230 V, AC15) |

General

| | |
|--|---------------------------------------|
| Test voltage relay winding/relay contact | 4 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 | 5x 10 ⁶ cycles |
| Mounting position | any |
| Assembly instructions | In rows with zero spacing |

Connection data