

Relay Module - PLC-RPT- 24DC/2X21/FG - 2910537

Technical data

Connection data output side

| | |
|----------------------------------|--|
| Conductor cross section flexible | 0.14 mm ² ... 2.5 mm ² |
| | 0.2 mm ² ... 2.5 mm ² () |
| | 2x 0.5 mm ² ... 1 mm ² () |
| Conductor cross section AWG | 26 ... 14 |

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 |
| Degree of protection | IP20 (Relay base) |
| | RT II (Relay) |
| Mechanical service life | approx. 10 ⁷ cycles |
| UL, USA | UL 508 |
| | UL 508 Recognized |
| UL, USA/Canada | cUL 508 |
| | cUL 508 Recognized |
| Mounting position | any |
| Assembly instructions | In rows with zero spacing |
| B _{10d} | 600000 Cycles (AC1; 250 V / 6 A; 1 NO) |
| | 900000 Cycles (AC1; 250 V / 3 A; 1 NO) |
| | 1800000 Cycles (AC1; 250 V / 1,5 A; 1 NO) |
| | 180000 Cycles (AC15; 250 V / 3 A; 1 NO) |
| | 560000 Cycles (AC15; 250 V / 2 A; 1 NO) |
| | 4600000 Cycles (AC15; 250 V / 0,75 A; 1 NO) |
| | 360000 Cycles (DC13; 24 V / 3 A; 1 NO) |
| | 740000 Cycles (DC13; 24 V / 1,5 A; 1 NO) |
| | 4200000 Cycles (DC13; 24 V / 0,75 A; 1 NO) |

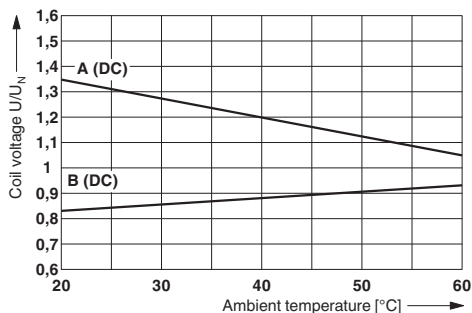
Environmental Product Compliance

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

Drawings

Relay Module - PLC-RPT- 24DC/2X21/FG - 2910537

Diagram



Curve A: maximum continuous voltage at limiting continuous current

Curve B: minimum pick-up voltage for pre-excitation with U_N and limiting continuous current

Articles in set

Safety relays - REL-SR- 24DC/2X21/FG - 2908777



Safety relay with forcibly guided contacts in acc. with DIN EN 50205, contact type 2 PDTs. The requirements for type A in accordance with EN 50205 are fulfilled when the wiring topology is 1 NO / 1 NC.

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 |

UNSPSC

| | |
|-------------|----------|
| UNSPSC 13.2 | 39122334 |
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Approvals

Approvals