

UM- 8 RM/RT-G24/21/PLC

Order No.: 2968386



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2968386>

Varioface output module, with 8 miniature relays, 1 PDT, plugged, for 24 V DC (incl. relay)



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Commercial data

| | |
|--------------------------|--|
| GTIN (EAN) |  4 017918 917494 |
| Note | Made-to-order |
| sales group | I640 |
| Pack | 1 pcs. |
| Customs tariff | 85364190 |
| Catalog page information | Page 249 (IF-2009) |

Technical data

Input data

| | |
|---|---------------------|
| Nominal input voltage U_N | 24 V DC |
| Input voltage range in reference to U_N | 0.85 ... 1.1 |
| Typical input current at U_N | 18 mA |
| Typical response time | 8 ms |
| Typical release time | 10 ms |
| Type of protection | Free-wheeling diode |
| Protective circuit/component | Damping diode |

| | |
|---------------------------|------------|
| Operating voltage display | Green LED |
| Status display/channel | Yellow LED |

Output data

| | |
|--|------------------------|
| Contact type | Single contact, 1-PDT |
| Contact material | AgNi |
| Maximum switching voltage | 250 V AC/DC |
| Minimum switching voltage | 12 V AC/DC |
| Limiting continuous current | 5 A |
| Min. switching current | 100 mA |
| Interrupting rating (ohmic load) max. | 120 W (at 24 V DC) |
| | 58 W (for 48 V DC) |
| | 48 W (for 60 V DC) |
| | 50 W (for 110 V DC) |
| | 80 W (for 220 V DC) |
| | 1250 VA (for 250 V AC) |
| Error detection (line break / short-circuit) | no |

General data

| | |
|---|---|
| No. of channels | 8 |
| Compatible components | Miniature switching relay, REL-KSR-G24/21 |
| With components | Yes |
| Width | 80 mm |
| Height | 123 mm |
| Depth | 68 mm |
| Ambient temperature (operation) | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
| Test voltage | 2.5 kV (50 Hz, 1 min.) |
| Mechanical service life | 3 x 10 ⁷ cycles |
| Standards/regulations | IEC 60664 |
| | DIN EN 50178 |
| | IEC 62103 |
| Operating mode | 100% operating factor |
| Mounting position | Any |
| Assembly instructions | In rows with zero spacing |
| Pollution degree | 2 |

| | |
|-----------------------------|------------------------------------|
| Surge voltage category | III |
| Housing insulation material | PVC, side panel PA non-reinforced, |
| Color | green |

Connection data

| | |
|--|--|
| Connection 1 | Coil side |
| Type of connection | Flat-ribbon cable plug connector in acc. with IEC 60603-13 |
| Number of positions | 14 |
| Connection 2 | Contact side |
| Type of connection | Screw connection |
| Number of positions | 3 |
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 12 |
| Screw thread | M3 |
| Stripping length | 8 mm |

Certificates / Approvals

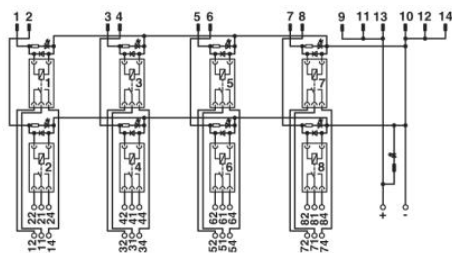


Certification

CUL, UL

Diagrams/Drawings

Circuit diagram



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