

UMK-16 RM 24DC/MKDS

Order No.: 2972990

The illustration shows a version for 16 pluggable miniature switching relays or miniature optocouplers




<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2972990>

VARIOFACE module, for 16 plug-in miniature relays or miniature optocouplers, with LED, 24 V DC input voltage



Commercial data

| | |
|--------------------------|--|
| GTIN (EAN) |  4 017918 088910 |
| sales group | G053 |
| Pack | 1 pcs. |
| Customs tariff | 85364190 |
| Catalog page information | Page 325 (IF-2011) |

Product notes

WEEE/RoHS-compliant since:
09/05/2006



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Input data

| | |
|---|------------------------|
| Nominal input voltage U_N | 24 V DC |
| Input voltage range in reference to U_N | 0.8 ... 1.1 |
| Typical input current at U_N | 2 mA (Light indicator) |
| Type of protection | Free-wheeling diode |

| | |
|------------------------------|---------------|
| Protective circuit/component | Damping diode |
| Operating voltage display | Yellow LED |
| Status display/channel | Yellow LED |

Output data

| | |
|--|-------------|
| Contact type | 1 PDT |
| Maximum switching voltage | 250 V AC/DC |
| Limiting continuous current | 5 A |
| Maximum inrush current | 8 A |
| Error detection (line break / short-circuit) | no |

General data

| | |
|--|--|
| No. of channels | 16 |
| Compatible components | Miniature relays or miniature optocouplers |
| With components | No |
| Width | 259 mm |
| Height | 77 mm |
| Depth | 59 mm |
| Ambient temperature (operation) | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
| Test voltage relay winding/relay contact | 2.5 kV AC |
| Standards/regulations | DIN VDE 0110 |
| Mounting position | Any |
| Pollution degree | 2 |
| Surge voltage category | III |
| Housing insulation material | PVC, side panel PA non-reinforced, |
| Color | green |

Connection data

| | |
|--|---------------------|
| Connection 1 | Input |
| Connection method | Screw connection |
| Number of positions | 20 |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |

| | |
|--|---------------------|
| Conductor cross section AWG/kcmil max | 12 |
| Screw thread | M3 |
| Stripping length | 8 mm |
| Connection 2 | Output |
| Connection method | 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

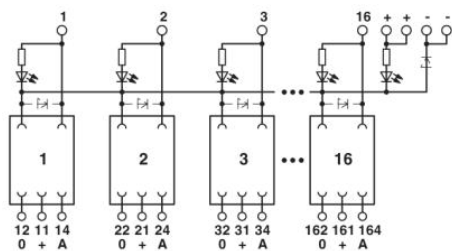


Certification

GOST

Diagrams/Drawings

Circuit diagram



Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



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