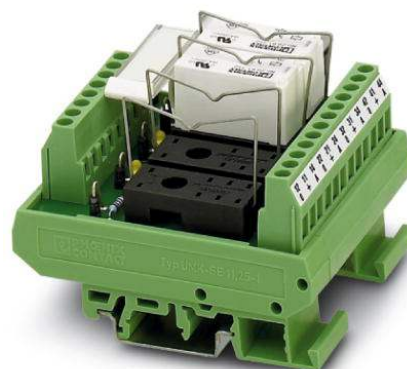


## UMK- 4 RM 24DC

Order No.: 2972835

The illustration shows a version for 4 pluggable miniature switching relays or miniature optocouplers



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2972835>

VARIOFACE module, for 4 plug-in miniature relays or miniature optocouplers, with LED, 24 V DC input voltage

| Commercial data          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918088798      |
| Pack                     | 1 pcs.             |
| Customs tariff           | 85364190           |
| Weight/Piece             | 0.1555 KG          |
| Catalog page information | Page 300 (IF-2009) |

### Product notes

WEEE/RoHS-compliant since:  
08/09/2006



<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) |
| Name 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                         | 4  |
| Compatible components                   | Miniature relays or miniature optocouplers |
| With components                         | No   |
| Width                                   | 67.5 mm                                    |
| Height                                  | 59 mm                                      |
| Depth                                   | 77 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)                      |
| Test voltage input/output               | 2.5 kV AC                                  |
| Standards/regulations                   | DIN VDE 0110                               |
| Mounting position                       | Any  |
| Housing insulation material             | PVC, side panel PA non-reinforced,         |
| Color                                   | green                                      |

#### Connection data

|  |                     |
|--|---------------------|
| Connection 1                           | Input               |
| Type of connection                     | Screw connection    |
| Number of positions                    | 8                   |
| Conductor cross section stranded min.  | 0.2 mm <sup>2</sup> |
| Conductor cross section stranded max.  | 2.5 mm <sup>2</sup> |
| Conductor cross section solid min.     | 0.2 mm <sup>2</sup> |
| Conductor cross section solid max.     | 4 mm <sup>2</sup>   |
| Conductor cross section AWG/kcmil min. | 24                  |
| Conductor cross section AWG/kcmil max  | 12                  |
| Screw thread                           | M3                  |

|  |                     |
|--|---------------------|
| Connection 2                           | Output              |
| Type of connection                     | Screw connection    |
| Number of positions                    | 3                   |
| Conductor cross section solid min.     | 0.2 mm <sup>2</sup> |
| Conductor cross section solid max.     | 4 mm <sup>2</sup>   |
| Conductor cross section stranded min.  | 0.2 mm <sup>2</sup> |
| Conductor cross section stranded max.  | 2.5 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min. | 24                  |
| Conductor cross section AWG/kcmil max  | 12                  |
| Screw thread                           | M3                  |
| Stripping length                       | 8 mm                |

**Certificates / Approvals**

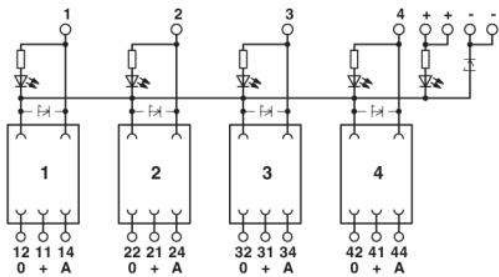


Certification

GOST

**Diagrams/Drawings**

Circuit diagram



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