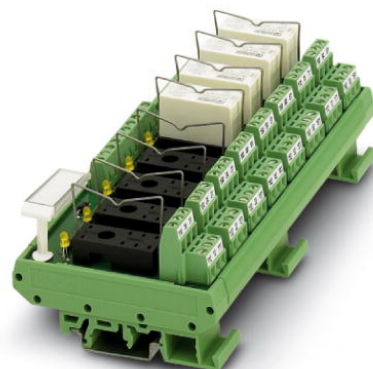


# UMK- 8 RELS/KSR-24/21/21

Order No.: 2975722



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2975722>

VARIOFACE module, with plug-in bases for 8 miniature relays with two PDT contacts, with LED



## Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918100810      |
| Pack                     | 1 pcs.             |
| Customs tariff           | 85364190           |
| Weight/Piece             | 0.2745 KG          |
| Catalog page information | Page 301 (IF-2009) |

## Product notes

WEEE/RoHS-compliant since:  
03/30/2007



<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 $\pm$ 10%   |
| Input voltage range in reference to $U_N$ | 0.9 ... 1.1         |
| Name of protection                        | Free-wheeling diode |
| Protective circuit/component              | Damping diode       |

|                        |            |
|------------------------|------------|
| Status display/channel | Yellow LED |
|------------------------|------------|

#### Output data

|                                              |          |
|----------------------------------------------|----------|
| Contact type                                 | 2 PDT    |
| Maximum switching voltage                    | 250 V AC |
| Limiting continuous current                  | 5 A      |
| Error detection (line break / short circuit) | no       |

#### General data

|                                          |                                            |
|------------------------------------------|--------------------------------------------|
| No. of channels                          | 8                                          |
| Compatible components                    | Miniature relays or miniature optocouplers |
| With components                          | No                                         |
| Width                                    | 168.8 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 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                |
| Type of connection                     | Screw connection     |
| Number of positions                    | 10                   |
| Conductor cross section stranded min.  | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.  | 1.5 mm <sup>2</sup>  |
| Conductor cross section solid min.     | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.     | 1.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min. | 26                   |
| Conductor cross section AWG/kcmil max  | 14                   |
| Screw thread                           | M3                   |

|                                        |                      |
|----------------------------------------|----------------------|
| Stripping length                       | 6 mm                 |
| Connection 2                           | Output               |
| Type of connection                     | Screw connection     |
| Number of positions                    | 6                    |
| Conductor cross section solid min.     | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.     | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.  | 0.14 mm <sup>2</sup> |
| Conductor cross section stranded max.  | 1.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min. | 26                   |
| Conductor cross section AWG/kcmil max  | 14                   |
| Screw thread                           | M3                   |
| Stripping length                       | 6 mm                 |

#### Certificates / Approvals

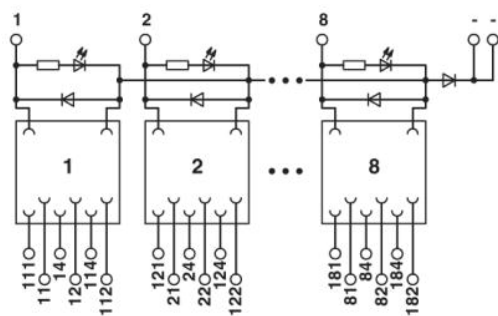


Certification

GOST

#### Diagrams/Drawings

Circuit diagram



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