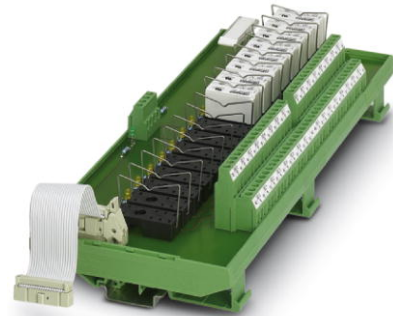


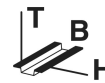
UM-16 RELS/KSR-G24/1/NPE/E/PLC


Order No.: 2962036



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2962036>

VARIOFACE output expansion module, with plug-in bases for 16 miniature relays, 1 PDT each, for 24 V DC (without relays), with additional N and PE connection terminal blocks



| Commercial data | |
|--------------------------|-------------------------------------------------------------------------------------------------------|
| GTIN (EAN) |  4 017918 087098 |
| Note | Made-to-order |
| sales group | I640 |
| Pack | 1 pcs. |
| Customs tariff | 85364190 |
| Catalog page information | Page 255 (IF-2009) |

Product notes

WEEE/RoHS-compliant since:
09/14/2006



<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 (Related to the assembly) |
| 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 | 1 N/O contact |
| Maximum switching voltage | 250 V AC/DC |
| Limiting continuous current | 4 A |
| Max. total current (N) | 14 A |
| General data | |
| No. of channels | 16 |
| Compatible components | Miniature relay, REL-MR- 24DC/21HC |
| With components | No |
| Width | 267 mm |
| Height | 111.5 mm |
| Depth | 59 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.) |
| Standards/regulations | IEC 60664 |
| | DIN EN 50178 |
| | IEC 62103 |
| 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 | 20 |
| Connection 2 | Contact side |
| Type of connection | Screw connection |
| Number of positions | 6 |
| 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

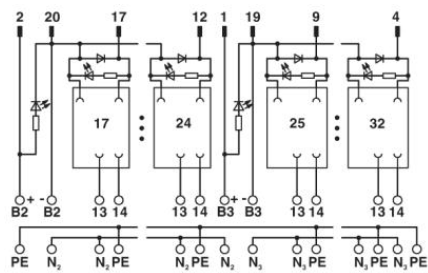
GOST

Additional products

| Item | Designation | Description |
|---------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2962023 | UM-16 RELS/KSR-G24/ 1/N/PE/ PLC | VARIOFACE output module, with plug-in bases for 16 miniature relays, 1 PDT each, for 24 V DC (without relays), with additional N and PE connection terminal blocks |

Diagrams/Drawings

Circuit diagram



Address

PHOENIX CONTACT Deutschland GmbH
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



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