

## Active module - UM-16 RELS/KSR-G24/21/MT/PLC - 2962382

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VARIOFACE output module, with plug-in bases for 16 miniature relays, 1 PDT each, for 24 V DC, with knife disconnect terminal blocks in the output (without relays)

### Product Features

- LED status indicator and freewheeling diode per signal path
- Supply voltage indicator (LED)
- Polarity protection diode
- Plug-in miniature relays



### Key commercial data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 PCE     |
| Weight per Piece (excluding packing) | 744.7 GRM |
| Custom tariff number                 | 85364190  |
| Country of origin                    | Germany   |

### Technical data

#### Note:

|                         |   |
|-------------------------|---|
| Utilization restriction | EMC: class A product, see manufacturer's declaration in the download area |
|-------------------------|---|

#### Dimensions

|        |          |
|--------|----------|
| Width  | 285 mm   |
| Height | 111.5 mm |
| Depth  | 59 mm    |

#### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

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### Technical data

#### Input data

|                              |                     |
|------------------------------|---------------------|
| Nominal input voltage $U_N$  | 24 V DC             |
| 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 PDT       |
| Maximum switching voltage   | 250 V AC/DC |
| Limiting continuous current | 5 A         |

#### General

|                             |                                    |
|-----------------------------|------------------------------------|
| No. of channels             | 16                                 |
|                             | 32                                 |
| Compatible components       | Miniature relay, REL-MR- 24DC/21HC |
| With components             | No                                 |
| 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 for connection 1

|                       |                             |
|-----------------------|-----------------------------|
| Connection name       | Coil side                   |
| Number of connections | 1                           |
| Connection method     | IDC/FLK pin strip (2.54 mm) |
| Number of positions   | 50                          |

#### Connection data for connection 2

|                                    |  |
|------------------------------------|--|
| Connection name                    | Contact side                           |
| Number of connections              | 50                                     |
| Connection method                  | Screw connection with disconnect knife |
| Number of positions                | 48                                     |
| Conductor cross section solid min. | 0.2 mm <sup>2</sup>                    |

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### Technical data

#### Connection data for connection 2

|  |                     |
|--|---------------------|
| 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                |

#### Supported controller

|                        |  |
|------------------------|--|
| Corresponding control  | SIEMENS S7-400                         |
| Corresponding I/O card | 6ES7 422-1BL00-0AA0                    |
|                        | 6ES7 422-7BL00-0AB0                    |
| Corresponding control  | ALLEN-BRADLEY ControlLogix             |
| Corresponding I/O card | 1756-OB32                              |
| Corresponding control  | ALLEN-BRADLEY PLC 5                    |
| Corresponding I/O card | 1771 OBN                               |
| Corresponding control  | HONEYWELL PlantScape                   |
| Corresponding I/O card | TC-ODD 321                             |
| Corresponding control  | MITSUBISHI MELSEC L                    |
| Corresponding I/O card | LY41PT1P                               |
|                        | LY42PT1P                               |
| Corresponding control  | MITSUBISHI MELSEC Q                    |
| Corresponding I/O card | QY81P                                  |
| Corresponding control  | Schneider Electric MODICON TSX QUANTUM |
| Corresponding I/O card | DDO 353                                |
| Corresponding control  | SIEMENS S7-300 / ET 200 M              |
| Corresponding I/O card | 6ES7 322-1BL00-0AA0                    |
| Corresponding control  | GE-FANUC RX3i                          |
| Corresponding I/O card | IC694MDL754                            |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27371102 |
| eCl@ss 4.1 | 27371102 |
| eCl@ss 5.0 | 27371001 |
| eCl@ss 5.1 | 27371001 |
| eCl@ss 6.0 | 27371001 |

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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 7.0 | 27371001 |
| eCl@ss 8.0 | 27371001 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001437 |
| ETIM 3.0 | EC001437 |
| ETIM 4.0 | EC001437 |
| ETIM 5.0 | EC001437 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211916 |
| UNSPSC 7.0901 | 39121515 |
| UNSPSC 11     | 39121515 |
| UNSPSC 12.01  | 39121515 |
| UNSPSC 13.2   | 39121515 |

### Approvals

#### Approvals

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#### Approvals

#### GOST

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

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| GOST  |
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### Accessories

#### Additional products

# Active module - UM-16 RELS/KSR-G24/21/MT/PLC - 2962382

## Accessories

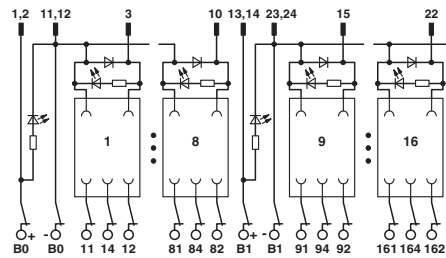
Active module - UM-16 RELS/KSR-G24/21/E/MT/PLC - 2962379



VARIOFACE output extension module, with plug-in bases for 16 miniature relays, 1 PDT each, for 24 V DC, with knife disconnect terminal blocks in the output (without relays)

## Drawings

Circuit diagram



## Данный компонент на территории Российской Федерации

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