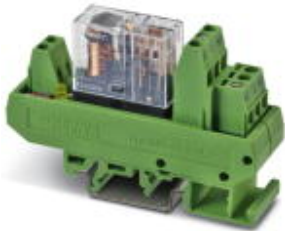


## Relay Module - UMK 22-REL 12/21 - 5542314

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VARIOFACE relay module, fixed, 1PDT

UMK 22 REL 24 VAC/21-21 shown

### Why buy this product

- Safe isolation between coil and contact side

### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 STK   |
| GTIN                                 | <br>4 046356 686891 |
| GTIN                                 | 4046356686891   |
| Weight per Piece (excluding packing) | 40.000 g  |
| Custom tariff number                 | 85364190  |
| Country of origin                    | United States   |

### Technical data

#### Dimensions

|        |         |
|--------|---------|
| Width  | 22.5 mm |
| Height | 77 mm   |
| Depth  | 50 mm   |

#### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -20 °C ... 65 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |

#### Coil side

|                                |         |
|--------------------------------|---------|
| Nominal input voltage $U_N$    | 12 V DC |
| Typical input current at $U_N$ | 54 mA   |
| Typical response time          | 15 ms   |
| Typical release time           | 5 ms    |

## Relay Module - UMK 22-REL 12/21 - 5542314

### Technical data

#### Coil side

|                           |               |
|---------------------------|---------------|
| Protective circuit        | Damping diode |
| Operating voltage display | LED           |

#### Contact side

|                             |                    |
|-----------------------------|--------------------|
| Contact type                | 1 PDT              |
| Contact material            | AgCdO              |
| Maximum switching voltage   | 250 V AC (30 V DC) |
| Minimum switching voltage   | 5 V (at 100 mA)    |
| Min. switching current      | 100 mA (At 5 V)    |
| Limiting continuous current | 10 A               |

#### General

|  |                            |
|--|----------------------------|
| Test voltage relay winding/relay contact | 5 kV (50/60 Hz, 1 min.)    |
| Operating mode                           | 100% operating factor      |
| Mechanical service life                  | 1 x 10 <sup>7</sup> cycles |
| Mounting position                        | any                        |
| Assembly instructions                    | In rows with zero spacing  |

#### Connection data input side

|                                  |  |
|----------------------------------|--|
| Connection name                  | Coil side                                    |
| Connection method                | Screw connection                             |
| Stripping length                 | 7 mm   |
| Conductor cross section solid    | 0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross section flexible | 0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Conductor cross section AWG      | 30 ... 14                                    |

#### Connection data output side

|                                  |  |
|----------------------------------|--|
| Connection name                  | Contact side                                 |
| Connection method                | Screw connection                             |
| Stripping length                 | 7 mm   |
| Conductor cross section solid    | 0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross section flexible | 0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Conductor cross section AWG      | 30 ... 14                                    |