

# UMK 22-REL 120/21-ST-TR - Active module



5524235

<https://www.phoenixcontact.com/us/products/5524235>

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VARIOFACE base module for G2R relay, 1PDT



UMK 22 REL 24 VAC/21-21 shown

## Your advantages

- Safe isolation between coil and contact side

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 5524235                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | C460                           |
| Product key                          | DK61Y2                         |
| GTIN                                 | 4046356684545                  |
| Weight per piece (including packing) | 33.33 g                        |
| Weight per piece (excluding packing) | 33.33 g                        |
| Customs tariff number                | 85364190                       |
| Country of origin                    | US                             |

## Technical data

### Notes

#### Trade restriction

|         |  |
|---------|--|
| CE note | The products are offered exclusively for export outside the EU and the European Economic Area. |
|---------|--|

### Product properties

|                         |                           |
|-------------------------|---------------------------|
| Product type            | Relay Module              |
| Application             | Universal                 |
| Operating mode          | 100% operating factor     |
| Mechanical service life | 1x 10 <sup>7</sup> cycles |

#### Data management status

|                              |            |
|------------------------------|------------|
| Date of last data management | 12.09.2025 |
|------------------------------|------------|

### Electrical properties

|                                |  |
|--------------------------------|--|
| Test voltage (Winding/contact) | 5 kV (50/60 Hz, 1 min., winding/contact) |
|--------------------------------|--|

### Input data

#### Coil side

|                                |          |
|--------------------------------|----------|
| Nominal input voltage $U_N$    | 120 V AC |
| Typical input current at $U_N$ | 31 mA    |
| Typical response time          | 15 ms    |
| Typical release time           | 5 ms     |
| Operating voltage display      | LED      |

### Output data

#### Switching

|                             |                      |
|-----------------------------|----------------------|
| Contact switching type      | 1 changeover contact |
| Contact material            | AgCdO                |
| Maximum switching voltage   | 250 V AC (30 V DC)   |
| Limiting continuous current | 10 A                 |

### Connection data

#### Coil side

|                                  |  |
|----------------------------------|--|
| Connection method                | Screw connection                             |
| Stripping length                 | 7 mm   |
| Conductor cross-section rigid    | 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                                    |

#### Contact side

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## Dimensions

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

## Material specifications

|       |                  |
|-------|------------------|
| Color | green (RAL 6021) |
|-------|------------------|

## Environmental and real-life conditions

### Ambient conditions

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

## Mounting

|                   |                           |
|-------------------|---------------------------|
| Assembly note     | in rows with zero spacing |
| Mounting position | any                       |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27371601 |
| ECLASS-15.0 | 27371601 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC001437 |
|-----------|----------|

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## Environmental product compliance

### EU RoHS

|   |   |
|---|---|
| Fulfills EU RoHS substance requirements | Not applicable, Not qualified for the European market |
|---|---|

### China RoHS

|  |   |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50   |
|  | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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