

## Multiple relay module - UMK- 8 RM230AC/MKDS - 2972961

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VARIOFACE module, for 8 plug-in miniature relays or miniature optocouplers, with LED, 230 V AC input voltage

The illustration shows a version for 8 pluggable miniature switching relays or miniature optocouplers



### Key commercial data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| GTIN                                 | <br>4 017918 088880 |
| Weight per Piece (excluding packing) | 256.7 GRM   |
| Custom tariff number                 | 85364900  |
| Country of origin                    | Germany   |

### Technical data

#### Note

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

#### Dimensions

|        |        |
|--------|--------|
| Width  | 135 mm |
| Height | 77 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 $U_N$               | 230 V AC                 |
| Input voltage range in reference to $U_N$ | 0.4 ... 1.1              |
| Typical input current at $U_N$            | 0.5 mA (Light indicator) |
| Operating voltage display                 | Glow lamp                |
| Status display/channel                    | Glow lamp                |

### Output data

|  |             |
|--|-------------|
| Contact type                                 | 1 PDT       |
| Maximum switching voltage                    | 250 V AC/DC |
| Limiting continuous current                  | 5 A         |
| Maximum inrush current                       | 8 A         |
| Error detection (line break / short-circuit) | no          |

### General

|                          |  |
|--------------------------|--|
| No. of channels          | 8  |
| Compatible components    | Miniature relays or miniature optocouplers   |
| With components          | No   |
| Degree of protection     | IP20   |
| Mounting position        | any  |
| Color                    | green  |
| Standards/regulations    | DIN EN 50178   |
|                          | IEC 60664  |
|                          | IEC 62103  |
| Rated insulation voltage | 260 V AC   |
| Rated surge voltage      | 4 kV (Basic insulation between output contact current paths)                                   |
|                          | 6 kV (Safe isolation and reinforced insulation between input circuit and output contact paths) |

### Connection data for connection 1

|  |                     |
|--|---------------------|
| Connection name                        | Input               |
| Number of connections                  | 1                   |
| Connection method                      | Screw connection    |
| Number of positions                    | 12                  |
| 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 solid min.     | 0.2 mm <sup>2</sup> |
| Conductor cross section solid max.     | 4 mm <sup>2</sup>   |
| Conductor cross section AWG/kcmil min. | 24                  |
| Conductor cross section AWG/kcmil max  | 12                  |

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## Technical data

### Connection data for connection 1

|                  |      |
|------------------|------|
| Screw thread     | M3   |
| Stripping length | 8 mm |

## 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 |
| eCl@ss 7.0 | 27371001 |
| eCl@ss 8.0 | 27371001 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000196 |
| ETIM 3.0 | EC000196 |
| ETIM 4.0 | EC000196 |
| ETIM 5.0 | EC001456 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211916 |
| UNSPSC 7.0901 | 39121543 |
| UNSPSC 11     | 39121543 |
| UNSPSC 12.01  | 39121543 |
| UNSPSC 13.2   | 39121543 |

## Approvals

### Approvals

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Approvals

GOST

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Ex Approvals

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## Approvals

Approvals submitted

## Approval details



## Drawings

Circuit diagram

