

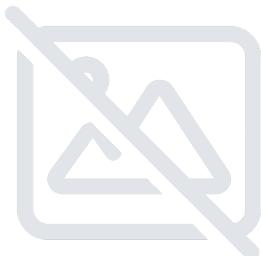
# UMK- WE-RJ45/MK3DS/SO359 - Termination board

2977018

<https://www.phoenixcontact.com/us/products/2977018>



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VARIOFACE module with screw connection and angled RJ45 plug (90°)

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2977018       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 1 pc          |
| Product key                          | DK2A83        |
| GTIN                                 | 4017918281335 |
| Weight per piece (including packing) | 55.69 g       |
| Weight per piece (excluding packing) | 47.806 g      |
| Country of origin                    | DE            |

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## Technical data

### Product properties

| Product type  | Interface module      |
|---|-----------------------|
| Insulation characteristics: Air clearances and creepage distances |                       |
| Insulation  | Functional insulation |
| Overvoltage category  | II                    |
| Pollution degree  | 2                     |

### Electrical properties

|   |         |
|---|---------|
| Nominal voltage $U_N$                     | 50 V DC |
| Max. current carrying capacity per branch | 1 A     |

#### Air clearances and creepage distances

|                          |                         |
|--------------------------|-------------------------|
| Rated insulation voltage | 50 V                    |
| Rated surge voltage      | 0.5 kV (1.2/50 $\mu$ s) |

### Connection data

#### RJ45 connection

|                       |           |
|-----------------------|-----------|
| Connection method     | RJ45 jack |
| Number of connections | 1         |
| Number of positions   | 8         |

#### COMBICON connection

|                                  |   |
|----------------------------------|---|
| Connection method                | Screw connection                            |
| Number of positions              | 16  |
| Conductor cross-section rigid    | 0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>   |
| Conductor cross-section flexible | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross-section AWG      | 24 ... 12                                   |

### Dimensions

#### Item dimensions

|        |       |
|--------|-------|
| Width  | 23 mm |
| Height | 77 mm |
| Depth  | 51 mm |

### Environmental and real-life conditions

#### Ambient conditions

|  |                                     |
|--|-------------------------------------|
| Degree of protection                         | IP00                                |
| Degree of protection (Installation location) | $\geq$ IP54 (Installation location) |
| Ambient temperature (operation)              | -20 °C ... 50 °C                    |
| Altitude                                     | $\leq$ 2000 m                       |

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## Standards and regulations

Air clearances and creepage distances

| Standards/regulations | DIN EN 50178: 1998-04 |
|-----------------------|-----------------------|
|-----------------------|-----------------------|

## Mounting

|                   |                   |
|-------------------|-------------------|
| Mounting type     | DIN rail mounting |
| Mounting position | any               |

## Notes

|                    |  |
|--------------------|--|
| Notes on operation | For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met. |
|--------------------|--|

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