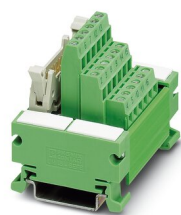# UM 45-FLKS16 - Interface module

2962641

https://www.phoenixcontact.com/us/products/2962641

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

VARIOFACE module, with screw connection and flat-ribbon cable connector, for assembly on NS 35/7.5, 16 positions

## Commercial data

| | |
|---|---|
| Item number | 2962641 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | C422 |
| Product key | CK2213 |
| Catalog page | Page 245 (IF-2007) |
| GTIN | 4017918087319 |
| Weight per piece (including packing) | 88.9 g |
| Weight per piece (excluding packing) | 84.2 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

# UM 45-FLKS16 - Interface module

2962641

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## Technical data

### Product properties

| | |
|---|---|
| Product type | Interface module |
| Product family | VARIOFACE |
| Number of positions | 16 |

#### Insulation characteristics

| | |
|---|---|
| Insulation | Functional insulation |

#### Insulation characteristics: Air clearances and creepage distances

| | |
|---|---|
| Insulation | Functional insulation |
| Overvoltage category | II |
| Pollution degree | 2 |

### Electrical properties

| | |
|---|---|
| Operating voltage (AC) | ≤ 30 V AC |
| Operating voltage (DC) | ≤ 60 V DC |
| Current (per branch) | ≤ 1 A |

#### Air clearances and creepage distances

| | |
|---|---|
| Rated insulation voltage | 63 V |
| Rated surge voltage | 0.6 kV (1.2/50 µs) |

### Connection data

#### Connection 1 (control level)

| | |
|---|---|
| Connection in acc. with standard | IEC 60603-13 |
| Connection method | IDC/FLK pin strip |
| Number of connections | 1 |
| Number of positions | 16 |
| Insertion/withdrawal cycles | > 50 |
| Pitch | 2.54 mm |

#### Connection 2 (field level)

| | |
|---|---|
| Connection method | Screw connection |
| Stripping length | 6 mm |
| Screw thread | M3 |
| Number of positions | 18 |
| Conductor cross section rigid | 0.14 mm² ... 1.5 mm² |
| Conductor cross section flexible | 0.14 mm² ... 1.5 mm² |
| Conductor cross section AWG | 26 ... 16 |

### Signaling

| | |
|---|---|
| Status display present | No |

## Dimensions

### Item dimensions

| | |
|---|---|
| Width | 61 mm |
| Height | 45 mm |
| Depth | 52.37 mm |

## Material specifications

| | |
|---|---|
| Housing insulation material | PVC |

## Environmental and real-life conditions

### Ambient conditions

| | |
|---|---|
| Degree of protection (Module) | IP00 |
| Degree of protection (Installation location) | ≥ IP54 |
| Ambient temperature (operation) | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
| Altitude | ≤ 2000 m |

## Standards and regulations

### Air clearances and creepage distances

| | |
|---|---|
| Standards/regulations | EN IEC 60664-1 |

## Mounting

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

## Notes

| | |
|---|---|
| General | 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. |

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2962641

### cUL Recognized
Approval ID: FILE E 118976

|  | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
|---|---|---|---|---|
| Field wiring | 125 V | 1 A | - | - |

### UL Recognized
Approval ID: FILE E 118976

|  | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
|---|---|---|---|---|
| Field wiring | 125 V | 1 A | - | - |

### cULus Recognized

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-11.0 | 27141152 |
| ECLASS-12.0 | 27141152 |
| ECLASS-13.0 | 27141152 |

### ETIM

| | |
|---|---|
| ETIM 8.0 | EC002780 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 39121400 |

# UM 45-FLKS16 - Interface module

2962641

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## Environmental product compliance

| REACh SVHC | Lead 7439-92-1 |
|---|---|

| China RoHS | Environmentally Friendly Use Period = 50 years |
|---|---|
| | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

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