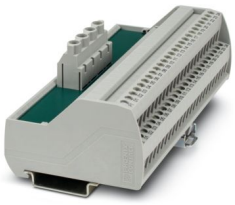
# VIP-2/SC/PDM-2/48 - Potential distributors

2903717

https://www.phoenixcontact.com/us/products/2903717

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VARIOFACE module, with two equipotential busbars (P1, P2) for potential distribution, for mounting on NS 35 rails. Module width: 131.5 mm

## Commercial data

| | |
|---|---|
| Item number | 2903717 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | C423 |
| Product key | DK2114 |
| GTIN | 4046356813778 |
| Weight per piece (including packing) | 278.7 g |
| Weight per piece (excluding packing) | 278.7 g |
| Customs tariff number | 85369010 |
| Country of origin | US |

# Technical data

## Notes

| | |
|---|---|
| Type of insulation housing | Polyamide PA non-reinforced |
| 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. |

## Product properties

| | |
|---|---|
| Product type | Potential distributor |
| Product family | VARIOFACE Professional |

### Insulation characteristics

| | |
|---|---|
| Overvoltage category | III |
| Pollution degree | 2 |

## Electrical properties

| | |
|---|---|
| Operating voltage (AC/DC) | 250 V AC/DC |
| Current (per branch) | ≤ 15 A |
| Current (Total current) | ≤ 30 A (per potential) |

## Connection data

### Feed-in

| | |
|---|---|
| Connection method | Screw connection |
| Stripping length | 8 mm |
| Screw thread | M3 |
| Number of connections | 2 |
| Conductor cross-section rigid | 0.2 mm² ... 6 mm² |
| Conductor cross-section flexible | 0.2 mm² ... 4 mm² |
| Conductor cross-section AWG | 24 ... 10 |

### Distribution

| | |
|---|---|
| Connection method | Screw connection |
| Stripping length | 8 mm |
| Screw thread | M3 |
| Number of connections | 24 |
| Number of positions | 2 |
| Conductor cross-section rigid | 0.2 mm² ... 4 mm² |
| Conductor cross-section flexible | 0.2 mm² ... 2.5 mm² |
| Conductor cross-section AWG | 24 ... 12 |

## Dimensions

### Item dimensions

| | |
|---|---|
| Width | 131.5 mm |
| Height | 65.5 mm |
| Depth | 45.1 mm |

## Material specifications

| | |
|---|---|
| Color | gray (RAL 7042) |

## Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -20 °C ... 50 °C (NOTE: At maximum relative humidity < 90%.) |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C (NOTE: At maximum relative humidity < 90%.) |
| Altitude | < 2000 m |
| Permissible humidity (operation) | 90 % |
| Permissible humidity (storage/transport) | 90 % |

## Standards and regulations

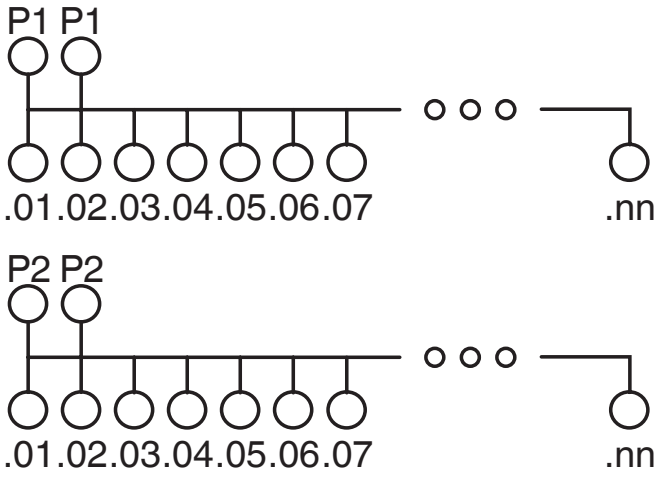
| | |
|---|---|
| Standards/regulations | EN IEC 61010-2-201 |

## Mounting

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

## Drawings

Circuit diagram



## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2903717

**CSA**
Approval ID: 2122203

| | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
|---|---|---|---|---|
| keine | | | | |
| Output | 250 V | 12 A | 30 - 12 | - |
| Input | 250 V | 12 A | 30 - 10 | - |

**CSAus**
Approval ID: 2122203

| | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
|---|---|---|---|---|
| keine | | | | |
| Output | 250 V | 12 A | 30 - 12 | - |
| Input | 250 V | 12 A | 30 - 10 | - |

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27400609 |
| ECLASS-15.0 | 27400609 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC001894 |

### UNSPSC

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

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |

China RoHS

| | |
|---|---|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

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


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