# VIP-3/PT/D25SUB/F - Termination board

2903782

https://www.phoenixcontact.com/us/products/2903782

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VARIOFACE module, with push-in connections and D-SUB 25 socket connector, for mounting on NS 35 rails

## Commercial data

| | |
|---|---|
| Item number | 2903782 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | C423 |
| Product key | DK2122 |
| GTIN | 4046356796576 |
| Weight per piece (including packing) | 136 g |
| Weight per piece (excluding packing) | 154.2 g |
| Customs tariff number | 85366990 |
| Country of origin | US |

# Technical data

## Product properties

| | |
|---|---|
| Product type | Interface module |
| Product family | VARIOFACE Professional |
| Number of positions | 25 |
| No. of channels | 2 |
| | 4 |
| | 8 |
| | 16 |

Insulation characteristics

| | |
|---|---|
| Overvoltage category | II |
| Pollution degree | 2 |

## Electrical properties

| | |
|---|---|
| Operating voltage (AC) | 25 V AC |
| Operating voltage (DC) | 60 V DC |
| Current (per branch) | ≤ 2 A |
| Rated surge voltage | 1.2 kV |

Supported controller: ABB S800 I/O

| | |
|---|---|
| Suitable I/O card | DI810 |
| | DI811 |
| | DI814 |
| | DI818 |
| | DI830 |
| | DI831 |
| | DI840 |
| | DI885 |
| | DO810 |
| | DO814 |
| | DO818 |
| | DO840 |
| | DP820 |
| | AI810 |
| | AI815 |
| | AI820 |
| | AI830 |
| | AI835 |
| | AI845 |
| | AO810 |
| | AO815 |
| | AO820 |

| | |
|---|---|
| | AO845 |

## Connection data

Field level

| | |
|---|---|
| Connection method | Push-in connection |
| Stripping length | 8 mm |
| Conductor cross-section rigid | 0.14 mm² ... 2.5 mm² |
| Conductor cross-section flexible | 0.14 mm² ... 2.5 mm² |
| Conductor cross-section AWG | 26 ... 14 |

Controller level

| | |
|---|---|
| Connection method | D-SUB socket strip |
| Number of connections | 1 |
| Number of positions | 25 |

## Signaling

| | |
|---|---|
| Status display | no |
| Status display present | no |

## Dimensions

Item dimensions

| | |
|---|---|
| Width | 57.1 mm |
| Height | 75.8 mm |
| Depth | 63 mm |

## Material specifications

| | |
|---|---|
| Color | gray (RAL 7042) |
| Flammability rating according to UL 94 | V0 |
| Housing insulation material | Polyamide PA non-reinforced |

## Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

## Standards and regulations

| | |
|---|---|
| Standards/regulations | IEC 60664 |
| | DIN EN 50178 |

## Mounting

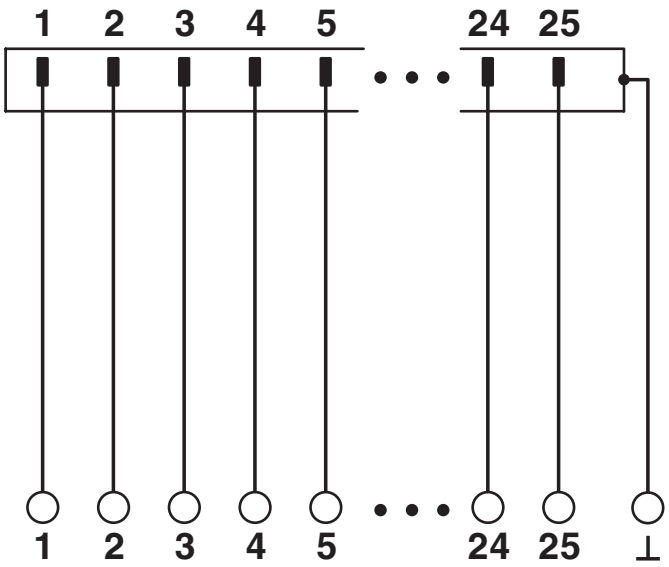
| | |
|---|---|
| Mounting type | DIN rail mounting |
| Mounting position | any |

## 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. |

## Drawings

Circuit diagram



## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2903782

**CSA**
Approval ID: 2122203

| | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
|---|---|---|---|---|
| keine | | | | |
| | 105 V | 2 A | 26 - 14 | - |

**cUL Recognized**
Approval ID: E238705

| | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
|---|---|---|---|---|
| keine | | | | |
| | 125 V | 2 A | 26 - 14 | - |

**UL Recognized**
Approval ID: E238705

| | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
|---|---|---|---|---|
| keine | | | | |
| | 125 V | 2 A | 26 - 14 | - |

**CSAus**
Approval ID: 2122203

| | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
|---|---|---|---|---|
| keine | | | | |
| | 105 V | 2 A | 28 - 14 | - |

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27141152 |
| ECLASS-15.0 | 27141152 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC002780 |

### UNSPSC

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

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

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.) | Lead(CAS: 7439-92-1) |
| SCIP | 14a1f4a3-e094-48db-a590-38e5c0730dfe |


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