

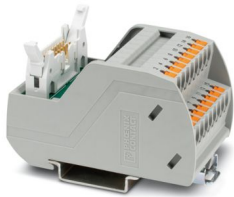
VIP-2/PT/FLK16 - Termination board



2903789

<https://www.phoenixcontact.com/us/products/2903789>

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VARIOFACE module, with push-in connections and flat-ribbon cable connector, for mounting on NS 35 rails, with pin strip and short and long locking latches for socket strips, 16-pos.

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 2903789 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | C423 |
| Product key | DK2121 |
| GTIN | 4046356796637 |
| Weight per piece (including packing) | 89.5 g |
| Weight per piece (excluding packing) | 108.8 g |
| Customs tariff number | 85366990 |
| Country of origin | US |

Technical data

Product properties

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

Insulation characteristics

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

Electrical properties

| | |
|---|---------|
| Max. permissible operating voltage | 25 V AC |
| | 60 V DC |
| Max. current carrying capacity per branch | 1 A |
| Rated surge voltage | 0.6 kV |

Connection data

Field level

| | |
|----------------------------------|--|
| Connection method | Push-in connection |
| Stripping length | 8 mm |
| Conductor cross-section rigid | 0.14 mm ² ... 2.5 mm ² |
| Conductor cross-section flexible | 0.14 mm ² ... 2.5 mm ² |
| Conductor cross-section AWG | 26 ... 14 |

Controller level

| | |
|-----------------------|-------------------|
| Connection method | IDC/FLK pin strip |
| Number of connections | 1 |
| Number of positions | 16 |
| Pitch | 2.54 mm |

Signaling

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

Dimensions

Item dimensions

| | |
|--------|---------|
| Width | 46.9 mm |
| Height | 72.1 mm |
| Depth | 56 mm |

Material specifications

| | |
|--|-----------------|
| Color | gray (RAL 7042) |
| Flammability rating according to UL 94 | V0 |

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| | |
|-----------------------------|-----------------------------|
| 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. |
|--------------------|--|

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Drawings

Circuit diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2903789>

|  CSA Approval ID: 2122203 | | | | |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 125 V | 1 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 | 1 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 | 1 A | 26 - 14 | - |

|  CSAus Approval ID: 2122203 | | | | |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 125 V | 1 A | 26 - 14 | - |

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Classifications

ECLASS

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

ETIM

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

UNSPSC

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

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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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