

VIP-3/SC/D25SUB/F - Termination board



2315188

<https://www.phoenixcontact.com/us/products/2315188>

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VARIOFACE module, with screw connection and D-SUB 25 socket connector, for mounting on NS 35 rails

Your advantages

- 9-pos. ... 50-pos.
- Metal foot
- In accordance with IEC 60603-13
- Screw connection
- 1:1 connection
- In accordance with IEC 60603-13

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 2315188 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | C423 |
| Product key | DK2112 |
| GTIN | 4046356313346 |
| Weight per piece (including packing) | 131.4 g |
| Weight per piece (excluding packing) | 150 g |
| Customs tariff number | 85366990 |
| Country of origin | US |

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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 |

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AO845

Connection data

Field level

| | |
|----------------------------------|---|
| Connection in acc. with standard | IEC / EN |
| Connection method | Screw connection |
| Stripping length | 8 mm |
| Screw thread | M 3 |
| Conductor cross-section rigid | 0.2 mm ² ... 4 mm ² |
| Conductor cross-section flexible | 0.2 mm ² ... 2.5 mm ² |
| Conductor cross-section AWG | 24 ... 12 |
| Tightening torque | 0.5 Nm ... 0.6 Nm |

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 | 57.4 mm |
| Height | 69 mm |
| Depth | 62 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 |
|---------------|-------------------|

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| | |
|-------------------|-----|
| 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/2315188>

|  CSA 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 | - |

|  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 | 30 - 12 | - |

|  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 | 30 - 12 | - |

|  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 | - |

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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 |
| 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 | 105ed03b-f13b-49fc-93b4-1b1d498da7e5 |

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