

VIP-2/PT/PDM-2/16/FU 6.3A - Potential distributors



2903603

<https://www.phoenixcontact.com/us/products/2903603>

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VARIOFACE module, with two equipotential busbars (P1, P2) for potential distribution, for mounting on NS 35 rails. Module width: 97.7 mm



Your advantages

- Consecutive numbering
- Two potential levels
- Separate supply

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 2903603 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | C423 |
| Product key | DK2124 |
| GTIN | 4046356948166 |
| Weight per piece (including packing) | 275 g |
| Weight per piece (excluding packing) | 220 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 |
| Potential connections | Per potential (P1, P2) 2 power/8 distributor terminal blocks |

Insulation characteristics

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

Electrical properties

| | |
|---|----------------------|
| Nominal voltage U_N | 250 V AC/DC |
| Max. current carrying capacity per branch | 6.3 A (fuse limited) |
| Max. total current of all branches | 30 A (per potential) |

Input data

| | |
|-----------------------|--|
| Potential connections | Per potential (P1, P2) 2 power/8 distributor terminal blocks |
|-----------------------|--|

Connection data

Feed-in

| | |
|----------------------------------|--|
| Connection method | Push-in connection |
| Stripping length | 15 mm |
| Number of connections | 2 |
| Conductor cross-section rigid | 0.2 mm ² ... 10 mm ² |
| Conductor cross-section flexible | 0.2 mm ² ... 6 mm ² |
| Conductor cross-section AWG | 24 ... 8 |

Distribution

| | |
|----------------------------------|--|
| Connection method | Push-in connection |
| Stripping length | 8 mm |
| Number of connections | 8 |
| Number of positions | 2 |
| 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 |

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Dimensions

| | |
|--------|----------|
| Width | 97.7 mm |
| Height | 109.8 mm |
| Depth | 51 mm |

Material specifications

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

Environmental and real-life conditions

Ambient conditions

| | |
|--|------------------|
| Ambient temperature (operation) | -20 °C ... 60 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
| Altitude | < 2000 m |
| Permissible humidity (operation) | 90 % |
| Permissible humidity (storage/transport) | 90 % |

Standards and regulations

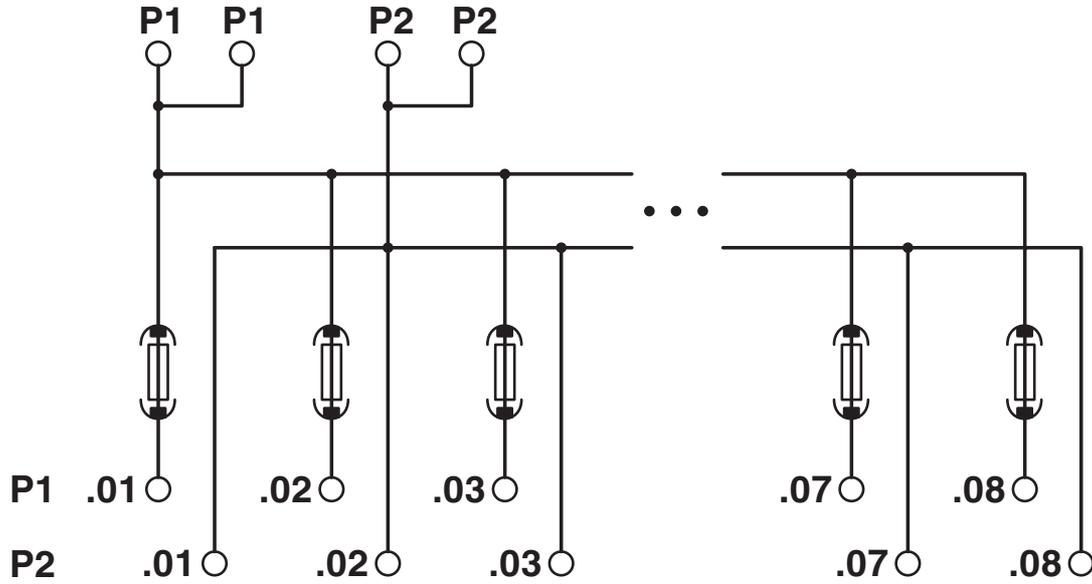
| | |
|-----------------------|--------------------|
| Standards/regulations | EN IEC 61010-2-201 |
|-----------------------|--------------------|

Mounting

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

Drawings

Circuit diagram



P1 circuits fused...P2 circuits unfused

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2903603>

|  CSA Approval ID: 2122203 | | | | |
|--|-----------------------|-----------------------|-------------------|----------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 250 V | 30 A | 24 - 8 | - |
| per branch | - | 6.3 A | - | - |

|  cUL Recognized Approval ID: E238705 | | | | |
|---|-----------------------|-----------------------|-------------------|----------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 250 V | 30 A | 24 - 8 | - |
| per branch | - | 6.3 A | - | - |

|  UL Recognized Approval ID: E238705 | | | | |
|--|-----------------------|-----------------------|-------------------|----------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 250 V | 30 A | 24 - 8 | - |
| per branch | - | 6.3 A | - | - |

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Classifications

ECLASS

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

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC001894 |
|----------|----------|

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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