

# 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) | 273.466 g     |
| Weight per piece (excluding packing) | 253 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 | II |
| Pollution degree     | 2  |

### Electrical properties

|                           |                        |
|---------------------------|------------------------|
| Operating voltage (AC/DC) | 250 V AC/DC            |
| Current (per branch)      | ≤ 6.3 A (fuse limited) |
| Current (Total current)   | ≤ 30 A (per potential) |

### Connection data

#### Feed-in

|                                  |  |
|----------------------------------|--|
| Connection method                | Push-in connection                         |
| Stripping length                 | 15 mm                                      |
| Number of connections            | 2  |
| Conductor cross-section rigid    | 0.2 mm <sup>2</sup> ... 10 mm <sup>2</sup> |
| Conductor cross-section flexible | 0.2 mm <sup>2</sup> ... 6 mm <sup>2</sup>  |
| 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 <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross-section flexible | 0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross-section AWG      | 26 ... 14                                    |

### Dimensions

#### Item dimensions

|        |          |
|--------|----------|
| Width  | 97.7 mm  |
| Height | 109.8 mm |

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|       |       |
|-------|-------|
| 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

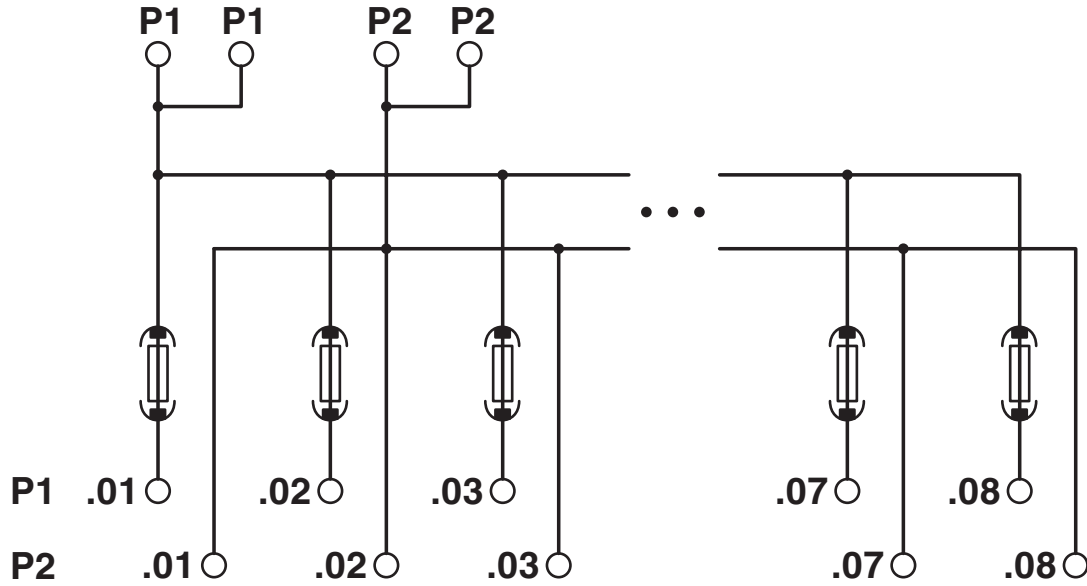
|                       |                    |
|-----------------------|--------------------|
| Standards/regulations | EN IEC 61010-2-201 |
|-----------------------|--------------------|

## Mounting

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

Drawings

Circuit diagram



P1 circuits fused...P2 circuits unfused

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## Approvals

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|  <b>CSA</b><br>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                 | -                 | -                    |

|  <b>cUL Recognized</b><br>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                 | -                 | -                    |

|  <b>UL Recognized</b><br>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 10.0 | 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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