

# VIP-2/SC/PDM-2/24 - Potential distributors



2315269

<https://www.phoenixcontact.com/in/products/2315269>

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VARIOFACE module, with two equipotential busbars (P1, P2) for potential distribution, for mounting on NS 35 rails. Module width: 70.4 mm

## Your advantages

- Consecutive numbering
- Separate supply
- Two potential levels

## Commercial Data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 2315269             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Sales Key                            | CK2                 |
| Product Key                          | CK24D1              |
| Catalog Page                         | Page 578 (C-5-2019) |
| GTIN                                 | 4046356313377       |
| Weight per Piece (including packing) | 150.3 g             |
| Weight per Piece (excluding packing) | 147 g               |
| Customs tariff number                | 85369010            |
| Country of origin                    | US                  |

## Technical Data

### Notes

|         |  |
|---------|--|
| General | Polyamide PA non-reinforced, distributor terminal blocks made of PVC |
|---------|--|

### Product properties

|                       |   |
|-----------------------|---|
| Product type          | Potential distributor   |
| Product family        | VARIOFACE Professional  |
| Potential connections | Per potential (P1, P2) 2 power/12 distributor terminal blocks |

### Insulation characteristics

|                      |     |
|----------------------|-----|
| Overvoltage category | III |
| Pollution degree     | 2   |

### Electrical properties

|   |                      |
|---|----------------------|
| Nominal voltage $U_N$                     | 250 V AC/DC          |
| Max. current carrying capacity per branch | 15 A                 |
| Max. total current of all branches        | 30 A (per potential) |
| Rated surge voltage                       | 2.2 kV               |

### Input data

|                       |   |
|-----------------------|---|
| Potential connections | Per potential (P1, P2) 2 power/12 distributor terminal blocks |
|-----------------------|---|

### Connection data

#### Service Entrance

|                                  |   |
|----------------------------------|---|
| Connection method                | Screw connection                          |
| Stripping length                 | 8 mm                                      |
| Screw thread                     | M3  |
| Number of connections            | 2   |
| Conductor cross section rigid    | 0.2 mm <sup>2</sup> ... 6 mm <sup>2</sup> |
| Conductor cross section flexible | 0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup> |
| Conductor cross section AWG      | 24 ... 10                                 |

#### Distribution

|                                  |   |
|----------------------------------|---|
| Connection method                | Screw connection                            |
| Stripping length                 | 8 mm  |
| Screw thread                     | M3  |
| Number of connections            | 12  |
| Number of positions              | 2   |
| Conductor cross section rigid    | 0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>   |
| Conductor cross section flexible | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross section AWG      | 24 ... 12                                   |

### Dimensions

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|        |         |
|--------|---------|
| Width  | 70.4 mm |
| Height | 65.5 mm |
| Depth  | 50 mm   |

## Environmental and real-life conditions

### Ambient conditions

|  |  |
|--|--|
| Ambient temperature (operation)          | -20 °C ... 50 °C (NOTE: At maximum relative humidity < 90%.) |
| Ambient temperature (storage/transport)  | -20 °C ... 70 °C (NOTE: At maximum relative humidity < 90%.) |
| Altitude                                 | < 2000 m   |
| Permissible humidity (operation)         | 90 %   |
| Permissible humidity (storage/transport) | 90 %   |

## Standards and regulations

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

## Mounting

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

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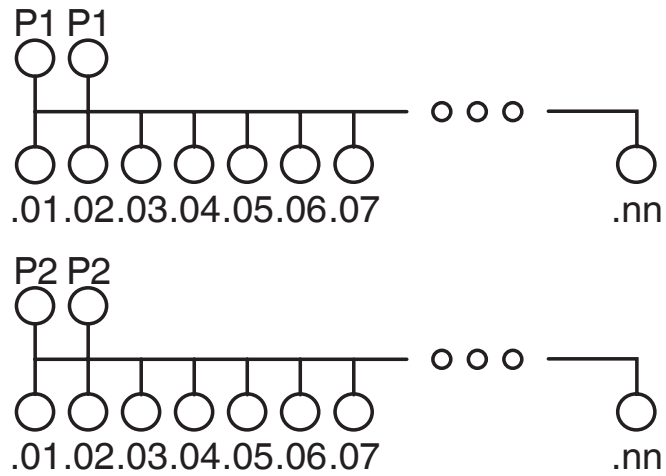
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## Drawings

Circuit diagram




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## Approvals


|  <b>CSA</b><br>Approval ID: 2122203 |                       |                       |                   |                             |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
|  | Nominal Voltage $U_N$ | Nominal Current $I_N$ | Cross Section AWG | Cross Section $\text{mm}^2$ |
| Output   | 250 V                 | 12 A                  | 30 - 12           | -                           |
| Input  | 250 V                 | 12 A                  | 30 - 10           | -                           |

|  <b>cUL Recognized</b><br>Approval ID: FILE E 238705 |                       |                       |                   |                             |
|---|-----------------------|-----------------------|-------------------|-----------------------------|
|   | Nominal Voltage $U_N$ | Nominal Current $I_N$ | Cross Section AWG | Cross Section $\text{mm}^2$ |
| Output  | 250 V                 | 12 A                  | 30 - 12           | -                           |
| Input   | 250 V                 | 12 A                  | 30 - 10           | -                           |

|  <b>UL Recognized</b><br>Approval ID: FILE E 238705 |                       |                       |                   |                             |
|---|-----------------------|-----------------------|-------------------|-----------------------------|
|   | Nominal Voltage $U_N$ | Nominal Current $I_N$ | Cross Section AWG | Cross Section $\text{mm}^2$ |
| Output  | 250 V                 | 12 A                  | 30 - 12           | -                           |
| Input   | 250 V                 | 12 A                  | 30 - 10           | -                           |

|  <b>EAC</b><br>Approval ID: EAC-Zulassung |  |  |  |  |
|--|--|--|--|--|
|--|--|--|--|--|

|  <b>EAC</b><br>Approval ID: RU C-DE.BL08.B.00511 |  |  |  |  |
|---|--|--|--|--|
|---|--|--|--|--|

|  <b>CSAus</b><br>Approval ID: 2122203 |                       |                       |                   |                             |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
|  | Nominal Voltage $U_N$ | Nominal Current $I_N$ | Cross Section AWG | Cross Section $\text{mm}^2$ |
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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27400609 |
| ECLASS-12.0 | 27400609 |
| ECLASS-13.0 | 27400609 |

### ETIM

|          |          |
|----------|----------|
| ETIM 8.0 | EC001894 |
|----------|----------|

### UNSPSC

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

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## Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e<br>No hazardous substances above threshold values |
|------------|---|

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