

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



### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                                    |
| GTIN         | <br>4 046356 948166 |
| GTIN         | 4046356948166                                                                                           |

### Technical data

#### Note

|              |                             |
|--------------|-----------------------------|
| Type of note | Type of insulation housing  |
| Note         | Polyamide PA non-reinforced |

#### Dimensions

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

#### Ambient conditions

|                                         |                  |
|-----------------------------------------|------------------|
| Ambient temperature (operation)         | -20 °C ... 60 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

#### General

|                                           |                      |
|-------------------------------------------|----------------------|
| Nominal voltage $U_N$                     | 250 V AC/DC          |
| Max. current carrying capacity per branch | 6.3 A (fuse limited) |

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### Technical data

#### General

|                       |                                                              |
|-----------------------|--------------------------------------------------------------|
| Total current         | 30 A (per potential)                                         |
| Potential connections | Per potential (P1, P2) 2 power/8 distributor terminal blocks |
| Mounting position     | any                                                          |

#### Connection data

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| Connection name                  | Service Entrance                           |
| Connection method                | Push-in connection                         |
| Stripping length                 | 15 mm                                      |
| Number of connections            | 2                                          |
| Conductor cross section solid    | 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                                   |

#### Connection data 2

|                                  |                                              |
|----------------------------------|----------------------------------------------|
| Connection name                  | Distribution                                 |
| Connection method                | Push-in connection                           |
| Stripping length                 | 8 mm                                         |
| Number of connections            | 8                                            |
| Number of positions              | 2                                            |
| Conductor cross section solid    | 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                                    |

#### Standards and Regulations

|                       |              |
|-----------------------|--------------|
| Standards/regulations | IEC 60664    |
|                       | DIN EN 50178 |
| Pollution degree      | 2            |
| Overvoltage category  | III          |

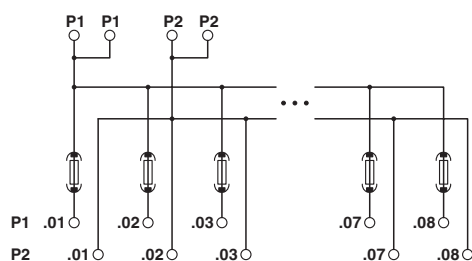
#### Environmental Product Compliance

|            |                                                                                                              |
|------------|--------------------------------------------------------------------------------------------------------------|
| China RoHS | Environmentally Friendly Use Period = 50 years                                                               |
|            | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

### Drawings

## Potential distributors - VIP-2/PT/PDM-2/16/FU 6.3A - 2903603

Circuit diagram



P1 circuits fused...P2 circuits unfused

### Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27400609 |
| eCl@ss 11.0   | 27400609 |
| eCl@ss 4.0    | 27250300 |
| eCl@ss 4.1    | 27250300 |
| eCl@ss 5.0    | 27250300 |
| eCl@ss 5.1    | 27250300 |
| eCl@ss 6.0    | 27400600 |
| eCl@ss 7.0    | 27400609 |
| eCl@ss 9.0    | 27400609 |

ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC001894 |
| ETIM 6.0 | EC001894 |
| ETIM 7.0 | EC001894 |

UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 13.2 | 39121432 |
| UNSPSC 19.0 | 39121432 |
| UNSPSC 21.0 | 39121400 |

### Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

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### Approvals

#### Approval details

|                    |                                                                                   |                                                                                                                                         |         |
|--------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|---------|
| CSA                |  | <a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a> | 2122203 |
|                    |                                                                                   |                                                                                                                                         |         |
| Nominal voltage UN |                                                                                   | 250 V                                                                                                                                   |         |
| Nominal current IN |                                                                                   | 30 A                                                                                                                                    |         |
| mm²/AWG/kcmil      |                                                                                   | 24-8                                                                                                                                    |         |

|                    |                                                                                   |                                                                                                                                                       |               |
|--------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| UL Recognized      |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 238705 |
|                    |                                                                                   |                                                                                                                                                       |               |
| Nominal voltage UN |                                                                                   | 250 V                                                                                                                                                 |               |
| Nominal current IN |                                                                                   | 30 A                                                                                                                                                  |               |
| mm²/AWG/kcmil      |                                                                                   | 24-8                                                                                                                                                  |               |

|                    |                                                                                     |                                                                                                                                                       |               |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| cUL Recognized     |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 238705 |
|                    |                                                                                     |                                                                                                                                                       |               |
| Nominal voltage UN |                                                                                     | 250 V                                                                                                                                                 |               |
| Nominal current IN |                                                                                     | 30 A                                                                                                                                                  |               |
| mm²/AWG/kcmil      |                                                                                     | 24-8                                                                                                                                                  |               |

|     |                                                                                     |                          |  |
|-----|-------------------------------------------------------------------------------------|--------------------------|--|
| EAC |  | RU C-<br>DE.BL08.B.00511 |  |
|-----|-------------------------------------------------------------------------------------|--------------------------|--|

|                  |                                                                                     |  |  |
|------------------|-------------------------------------------------------------------------------------|--|--|
| cULus Recognized |  |  |  |
|------------------|-------------------------------------------------------------------------------------|--|--|

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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