

# VIP-3/PT/D37SUB/F - Termination board



2903784

<https://www.phoenixcontact.com/us/products/2903784>

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VARIOFACE module, with push-in connections and D-SUB 37 socket connector, for mounting on NS 35 rails

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2903784       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | C423          |
| Product key                          | DK2122        |
| GTIN                                 | 4046356814768 |
| Weight per piece (including packing) | 191 g         |
| Weight per piece (excluding packing) | 194.3 g       |
| Customs tariff number                | 85366990      |
| Country of origin                    | US            |

## Technical data

### Product properties

|                     |                        |
|---------------------|------------------------|
| Product type        | Interface module       |
| Product family      | VARIOFACE Professional |
| Number of positions | 37                     |
| No. of channels     | 37                     |

### 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  |

### Connection data

#### Field level

|                                  |                                              |
|----------------------------------|----------------------------------------------|
| Connection method                | Push-in connection                           |
| Stripping length                 | 8 mm                                         |
| 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                                    |

#### Controller level

|                       |                    |
|-----------------------|--------------------|
| Connection method     | D-SUB socket strip |
| Number of connections | 1                  |
| Number of positions   | 37                 |

### Signaling

|                        |    |
|------------------------|----|
| Status display         | no |
| Status display present | no |

### Dimensions

#### Item dimensions

|        |         |
|--------|---------|
| Width  | 72.3 mm |
| Height | 75.8 mm |
| Depth  | 63 mm   |

### Material specifications

|                                        |                 |
|----------------------------------------|-----------------|
| Color                                  | gray (RAL 7042) |
| Flammability rating according to UL 94 | V0              |

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|                             |                             |
|-----------------------------|-----------------------------|
| 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 |
| 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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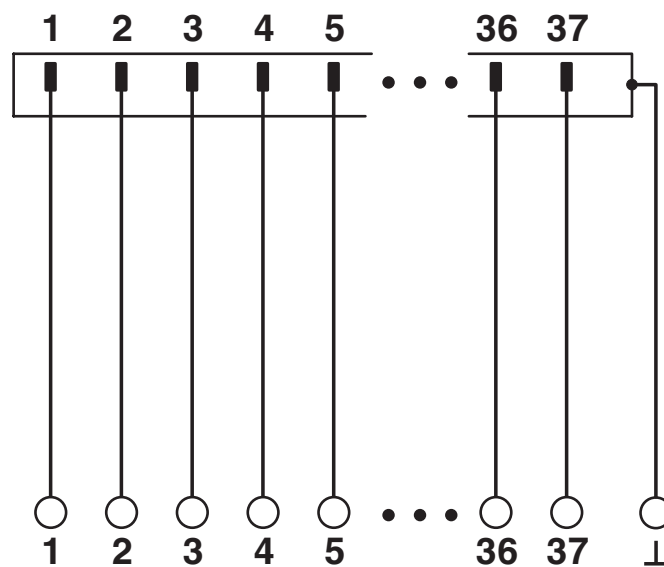
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## Drawings

Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2903784>

|  <b>CSA</b><br>Approval ID: 2122203 |                                |                                |                   |                               |
|----------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|-------------------|-------------------------------|
|                                                                                                                      | Nominal voltage U <sub>N</sub> | Nominal current I <sub>N</sub> | Cross section AWG | Cross section mm <sup>2</sup> |
| keine                                                                                                                |                                |                                |                   |                               |
|                                                                                                                      | 105 V                          | 2 A                            | 26 - 14           | -                             |

|  <b>cUL Recognized</b><br>Approval ID: E238705 |                                |                                |                   |                               |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|-------------------|-------------------------------|
|                                                                                                                                 | Nominal voltage U <sub>N</sub> | Nominal current I <sub>N</sub> | Cross section AWG | Cross section mm <sup>2</sup> |
| keine                                                                                                                           |                                |                                |                   |                               |
|                                                                                                                                 | 125 V                          | 2 A                            | 26 - 14           | -                             |

|  <b>UL Recognized</b><br>Approval ID: E238705 |                                |                                |                   |                               |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|-------------------|-------------------------------|
|                                                                                                                                  | Nominal voltage U <sub>N</sub> | Nominal current I <sub>N</sub> | Cross section AWG | Cross section mm <sup>2</sup> |
| keine                                                                                                                            |                                |                                |                   |                               |
|                                                                                                                                  | 125 V                          | 2 A                            | 26 - 14           | -                             |

|  <b>CSAus</b><br>Approval ID: 2122203 |                                |                                |                   |                               |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------------|-------------------|-------------------------------|
|                                                                                                                          | Nominal voltage U <sub>N</sub> | Nominal current I <sub>N</sub> | Cross section AWG | Cross section mm <sup>2</sup> |
| 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                                | 870a8414-1796-43a6-af60-293013bc7224 |

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