

# VIP-3/PT/FLK40/LED - Termination board



2904254

<https://www.phoenixcontact.com/us/products/2904254>

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VARIOFACE module, with push-in connection and flat-ribbon cable connector, for mounting on NS 35 rails, with pin strip and short and long locking latches for socket strips, 40-pos., with LED

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2904254                        |
| Packing unit                         | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | C423                           |
| Product key                          | DK2121                         |
| GTIN                                 | 4046356813655                  |
| Weight per piece (including packing) | 200.1 g                        |
| Weight per piece (excluding packing) | 200.1 g                        |
| Customs tariff number                | 85366990                       |
| Country of origin                    | US                             |

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## Technical data

### Product properties

|                     |                        |
|---------------------|------------------------|
| Product type        | Interface module       |
| Product family      | VARIOFACE Professional |
| Number of positions | 40                     |

### Insulation characteristics

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

### Electrical properties

|                                           |         |
|-------------------------------------------|---------|
| Nominal voltage $U_N$                     | 24 V DC |
| Max. current carrying capacity per branch | 1 A     |

### 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     | IDC/FLK pin strip |
| Number of connections | 1                 |
| Number of positions   | 40                |
| Pitch                 | 2.54 mm           |

### Signaling

|                        |     |
|------------------------|-----|
| Status display         | LED |
| Status display present | yes |

### Dimensions

#### Item dimensions

|        |         |
|--------|---------|
| Width  | 77.4 mm |
| Height | 75.8 mm |
| Depth  | 63 mm   |

### Material specifications

|                                        |                             |
|----------------------------------------|-----------------------------|
| Color                                  | gray (RAL 7042)             |
| Flammability rating according to UL 94 | V0                          |
| Housing insulation material            | Polyamide PA non-reinforced |

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## 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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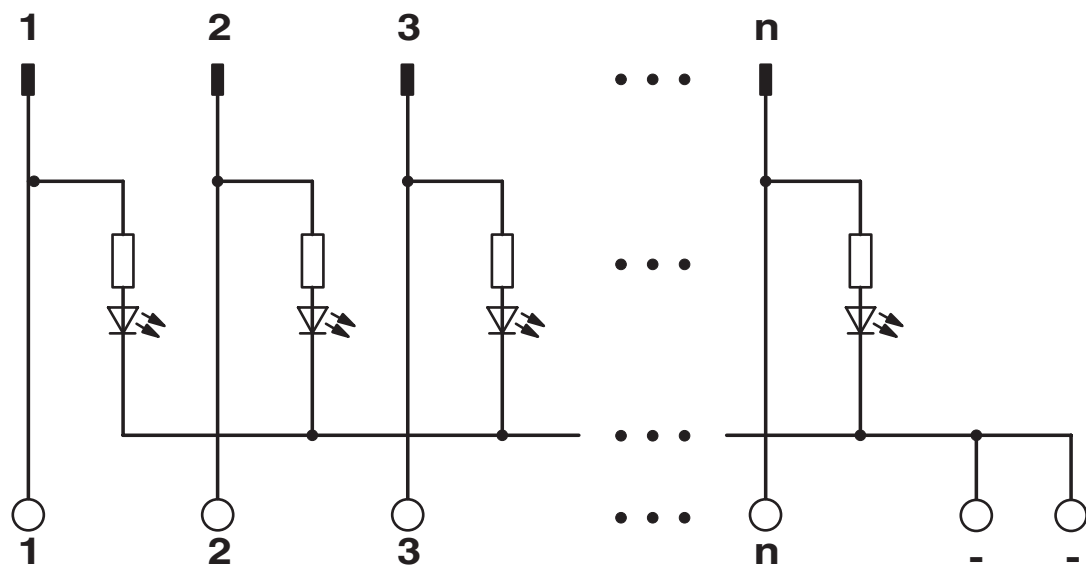
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## Drawings

Circuit diagram



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## Classifications

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121432 |
|-------------|----------|

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## Environmental product compliance

### EU RoHS

|                                         |        |
|-----------------------------------------|--------|
| Fulfills EU RoHS substance requirements | Yes    |
| Exemption                               | 7(c)-I |

### 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.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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