

# VIP-3/SC/D50SUB/M/LED - Interface module



2322184

<https://www.phoenixcontact.com/pc/products/2322184>

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VARIOFACE module, with screw connection and D-SUB miniature pin strip, for mounting on NS 35 rails, with LED, 50-pos.

## Your advantages

- 9-pos. ... 50-pos.
- Metal foot
- In accordance with IEC 60603-13
- 1:1 connection
- Screw connection

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 2322184             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Product key                          | CK2422              |
| Catalog page                         | Page 571 (C-5-2017) |
| GTIN                                 | 4046356451802       |
| Weight per piece (including packing) | 249 g               |
| Weight per piece (excluding packing) | 249 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 | 50                     |

### Insulation characteristics

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

### Electrical properties

|                                           |         |
|-------------------------------------------|---------|
| Nominal voltage $U_N$                     | 24 V DC |
| Max. current carrying capacity per branch | 0.5 A   |

### Connection data

#### Field level

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| Connection in acc. with standard | IEC / EN                                    |
| Connection method                | Screw connection                            |
| Stripping length                 | 8 mm                                        |
| Screw thread                     | M3                                          |
| 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                                   |
| Tightening torque                | 0.5 Nm ... 0.6 Nm                           |

#### Controller level

|                       |                 |
|-----------------------|-----------------|
| Connection method     | D-SUB pin strip |
| Number of connections | 1               |
| Number of positions   | 50              |

### Signaling

|                        |     |
|------------------------|-----|
| Status display         | LED |
| Status display present | Yes |

### Dimensions

#### Item dimensions

|        |         |
|--------|---------|
| Width  | 98.2 mm |
| Height | 69 mm   |
| Depth  | 62 mm   |

### Material specifications

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

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|                             |                   |
|-----------------------------|-------------------|
| Housing insulation material | Polyamide 6 green |
|-----------------------------|-------------------|

## Environmental and real-life conditions

### Ambient conditions

|                                         |                  |
|-----------------------------------------|------------------|
| Ambient temperature (operation)         | -20 °C ... 45 °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

|         |                                                                                                                                                                                                                                                                                |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General | 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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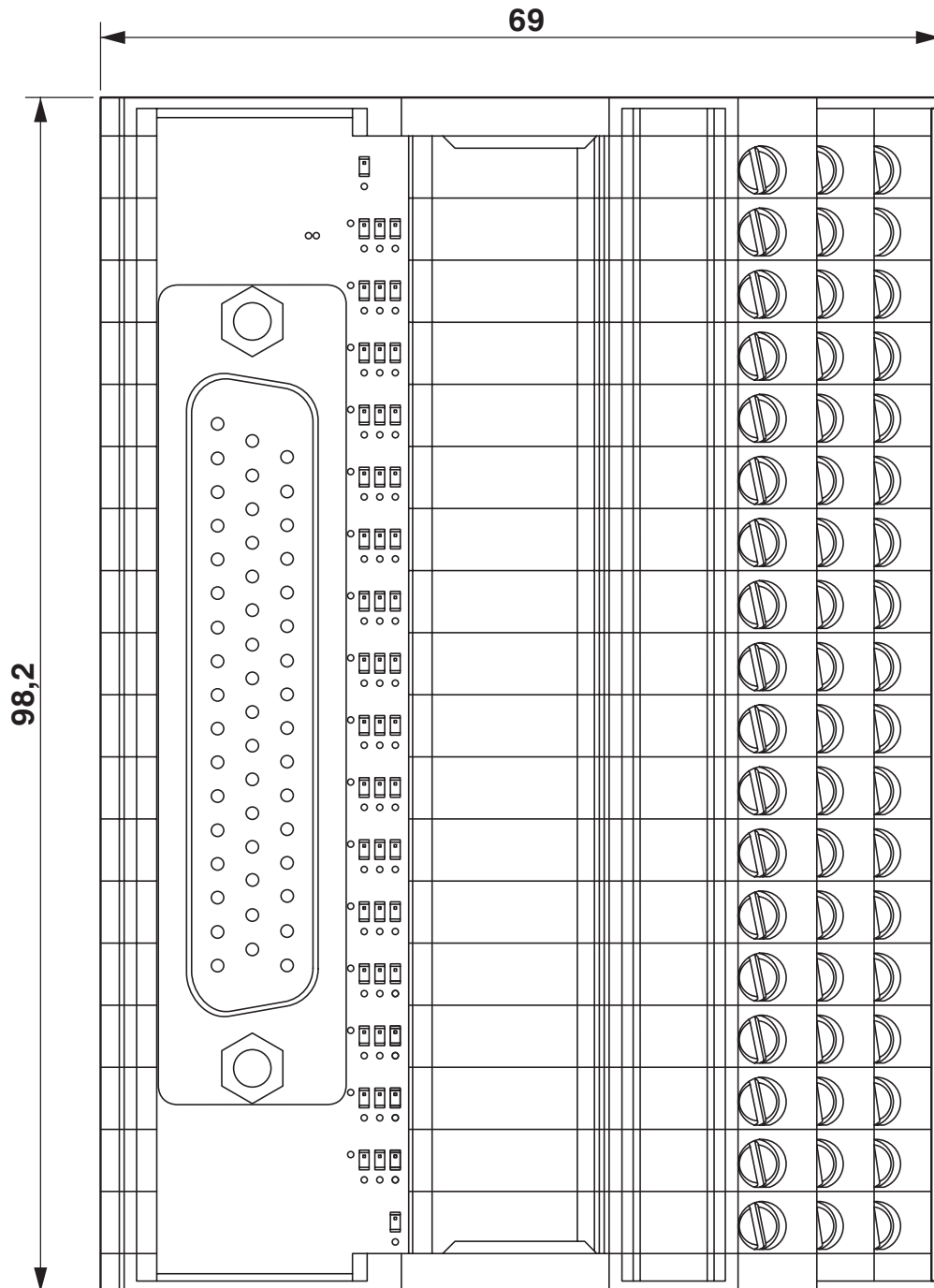


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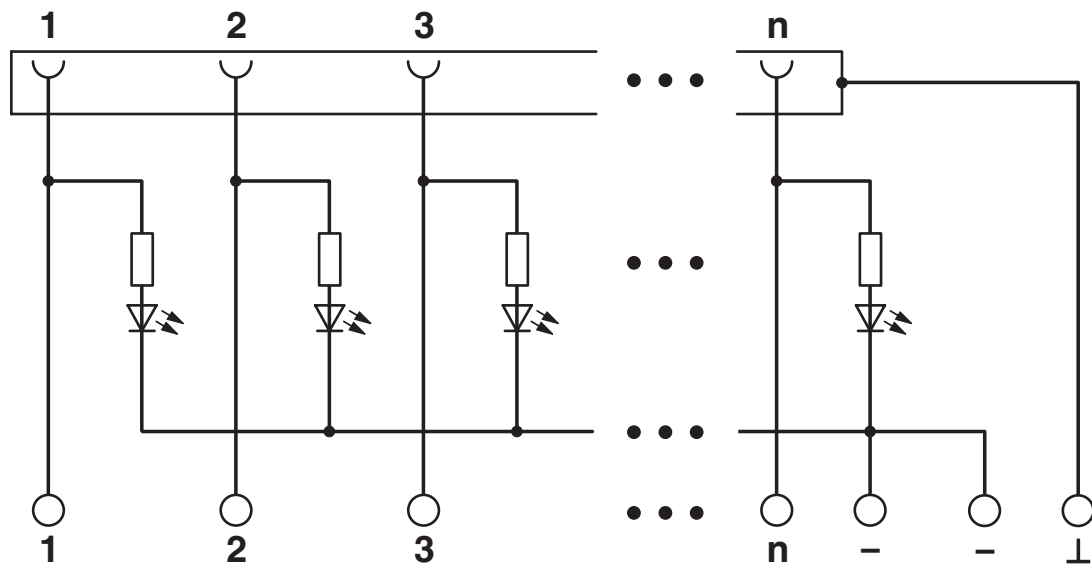
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## Drawings

Dimensional drawing



Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/2322184>

|                                                                                   |                                    |                       |                   |                             |
|-----------------------------------------------------------------------------------|------------------------------------|-----------------------|-------------------|-----------------------------|
|  | <b>CSA</b><br>Approval ID: 2122203 |                       |                   |                             |
|                                                                                   | Nominal voltage $U_N$              | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|                                                                                   | 24 V                               | 1 A                   | 28 - 12           | -                           |

|                                                                                   |                                                     |                       |                   |                             |
|-----------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------|-------------------|-----------------------------|
|  | <b>cUL Recognized</b><br>Approval ID: FILE E 238705 |                       |                   |                             |
|                                                                                   | Nominal voltage $U_N$                               | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|                                                                                   | 24 V                                                | 1 A                   | 30 - 12           | -                           |

|                                                                                    |                                                    |                       |                   |                             |
|------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------|-------------------|-----------------------------|
|  | <b>UL Recognized</b><br>Approval ID: FILE E 238705 |                       |                   |                             |
|                                                                                    | Nominal voltage $U_N$                              | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|                                                                                    | 24 V                                               | 1 A                   | 30 - 12           | -                           |

|                                                                                     |                                      |                       |                   |                             |
|-------------------------------------------------------------------------------------|--------------------------------------|-----------------------|-------------------|-----------------------------|
|  | <b>CSAus</b><br>Approval ID: 2122203 |                       |                   |                             |
|                                                                                     | Nominal voltage $U_N$                | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|                                                                                     | 24 V                                 | 1 A                   | 28 - 12           | -                           |

|               |
|---------------|
| <b>cCSAus</b> |
|---------------|

|                         |
|-------------------------|
| <b>cULus Recognized</b> |
|-------------------------|

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27141152 |
| ECLASS-12.0 | 27141152 |
| ECLASS-13.0 | 27141152 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002780 |
|----------|----------|

### UNSPSC

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

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## Environmental product compliance

|            |                                                                                                              |
|------------|--------------------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                               |
| China RoHS | Environmentally Friendly Use Period = 50 years                                                               |
|            | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

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