

# VIP-2/SC/FLK16/ISP 4AI 4DMU - Passive module



2903871

<https://www.phoenixcontact.com/us/products/2903871>

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VARIOFACE Professional (VIP) module for Siemens ET200 ISP controllers. Interface to HART analog input, 4 channel. 125 V AC/DC, 1 A rating, 4 wire.

## Your advantages

- Interface from field devices to HART® analog input 6ES7134-7TD50-0AB0 card
- I/O marking for field wiring clearly identified when device is mounted
- Compact design reduces space requirements in the control cabinet
- A single, metal mounting foot allows easy installation and removal to the mounting rail
- Integrated ZB channel allows flexible marking of device

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2903871                        |
| Packing unit                         | 80 pc                          |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | C423                           |
| Product key                          | DK2B11                         |
| GTIN                                 | 4046356827560                  |
| Weight per piece (including packing) | 333.33 g                       |
| Weight per piece (excluding packing) | 333.33 g                       |
| Customs tariff number                | 85369010                       |
| Country of origin                    | US                             |

## Technical data

### Product properties

|                     |                        |
|---------------------|------------------------|
| Product type        | Interface module       |
| Product family      | VARIOFACE Professional |
| Number of positions | 16                     |

### Insulation characteristics

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

### Electrical properties

|                                           |            |
|-------------------------------------------|------------|
| Nominal voltage $U_N$                     | 60 V AC/DC |
| Max. current carrying capacity per branch | 1 A        |

### Supported controller SIEMENS ET200 ISP

|                   |                    |
|-------------------|--------------------|
| Suitable I/O card | 6ES7134-7TD50-0AB0 |
|-------------------|--------------------|

### Connection data

#### Field level

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| Connection in acc. with standard | IEC / EN                                    |
| Connection method                | Screw connection                            |
| Stripping length                 | 8 mm                                        |
| Screw thread                     | M 3                                         |
| 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                                   |

#### Controller level

|                       |                   |
|-----------------------|-------------------|
| Connection method     | IDC/FLK pin strip |
| Number of connections | 1                 |
| Number of positions   | 16                |
| Pitch                 | 2.54 mm           |

### Signaling

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

### Dimensions

#### Item dimensions

|        |         |
|--------|---------|
| Width  | 45 mm   |
| Height | 65.5 mm |
| Depth  | 56 mm   |

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### Material specifications

|                                        |                             |
|----------------------------------------|-----------------------------|
| Color                                  | gray (RAL 7042)             |
| Flammability rating according to UL 94 | V0                          |
| 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 |
| Altitude                                 | < 2000 m         |
| Permissible humidity (operation)         | 90 %             |
| Permissible humidity (storage/transport) | 90 %             |

### 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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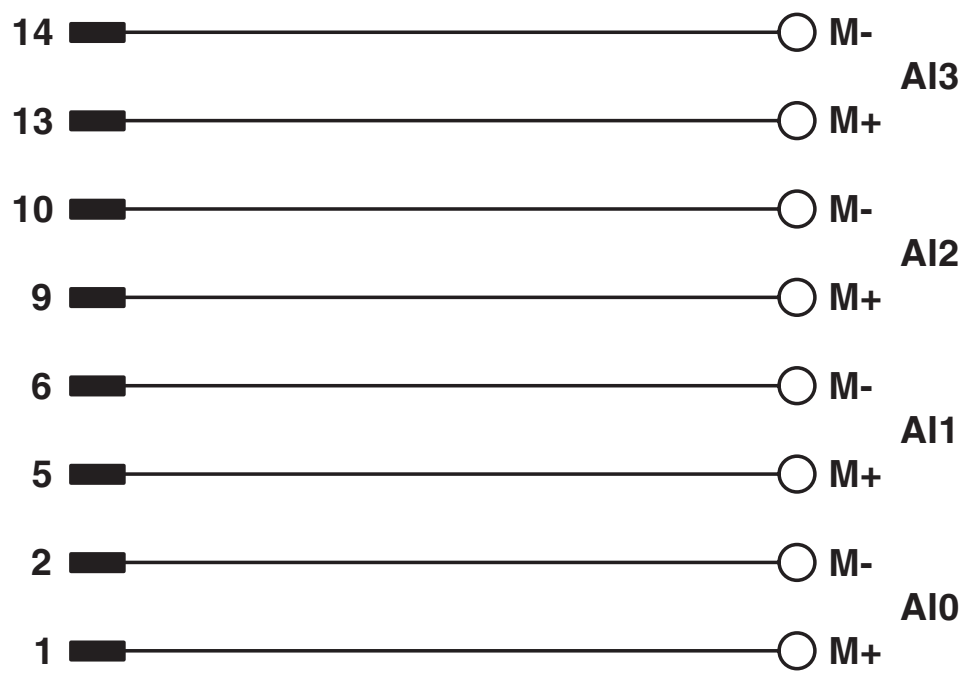


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Drawings

Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2903871>

|  <b>CSA</b><br>Approval ID: 2122203 |                       |                       |                   |                             |
|----------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
|                                                                                                                      | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
| keine                                                                                                                |                       |                       |                   |                             |
|                                                                                                                      | 125 V                 | 1 A                   | 30 - 12           | -                           |

|  <b>cUL Recognized</b><br>Approval ID: E238705 |                       |                       |                   |                             |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
|                                                                                                                                 | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
| keine                                                                                                                           |                       |                       |                   |                             |
|                                                                                                                                 | 125 V                 | 1 A                   | 30 - 12           | -                           |

|  <b>UL Recognized</b><br>Approval ID: E238705 |                       |                       |                   |                             |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
|                                                                                                                                  | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
| keine                                                                                                                            |                       |                       |                   |                             |
|                                                                                                                                  | 125 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 $\text{mm}^2$ |
| keine                                                                                                                    |                       |                       |                   |                             |
|                                                                                                                          | 125 V                 | 1 A                   | 30 - 12           | -                           |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27141152 |
| ECLASS-15.0 | 27141152 |

### ETIM

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

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## Environmental product compliance

### EU RoHS

|                                         |                    |
|-----------------------------------------|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|-----------------------------------------|--------------------|

### China RoHS

|                                        |                                          |
|----------------------------------------|------------------------------------------|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|                                        | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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