

# VIP-2/SC/FLK14/LED/PLC - Passive module



2322249

<https://www.phoenixcontact.com/us/products/2322249>

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VARIOFACE interface module, with LED, for 8 channels



## Your advantages

- With LED as an option
- Can be used for digital I/O modules
- Byte-by-byte labeling

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 2322249             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Sales key                            | C423                |
| Product key                          | CK2361              |
| Catalog page                         | Page 516 (C-5-2019) |
| GTIN                                 | 4046356450973       |
| Weight per piece (including packing) | 93.1 g              |
| Weight per piece (excluding packing) | 93.1 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 | 14                     |
| No. of channels     | 8                      |

### 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     |
| Max. total current of voltage supply      | 3 A     |
| Rated surge voltage                       | 0.6 kV  |

### Supported controller SIEMENS S7-1500

|  |                                   |
|--|-----------------------------------|
| Suitable I/O card                        | 6ES7521-1BH00-0AB0                |
|  | 6ES7521-1BL00-0AB0                |
|  | 6ES7521-1BP00-0AA0 (Sinking mode) |
|  | 6ES7522-1BH00-0AB0                |
|  | 6ES7522-1BH01-0AB0                |
|  | 6ES7522-1BL00-0AB0                |
|  | 6ES7522-1BL01-0AB0                |
|  | 6ES7522-1BP00-0AA0                |
| 6ES7523-1BP50-0AA0 (DI32 (Sinking mode)) |                                   |

### Supported controller ABB S800 I/O

|                   |       |
|-------------------|-------|
| Suitable I/O card | DI810 |
|                   | DI818 |
|                   | DI830 |
|                   | DI840 |
|                   | DO810 |
|                   | DO840 |

### Supported controller ALLEN-BRADLEY ControlLogix

|                   |            |
|-------------------|------------|
| Suitable I/O card | 1756-IB32  |
|                   | 1756-OB32  |
|                   | 1756-IB16  |
|                   | 1756-OB16E |

### Supported controller GE-FANUC RX3i

|                   |             |
|-------------------|-------------|
| Suitable I/O card | IC694MDL754 |
|-------------------|-------------|

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|  |             |
|--|-------------|
|  | IC694MDL660 |
|--|-------------|

## Supported controller HONEYWELL Experion PKS C200

|                   |            |
|-------------------|------------|
| Suitable I/O card | TC-IDD 321 |
|                   | TC-ODD 321 |

## Supported controller MITSUBISHI MELSEC L

|                   |          |
|-------------------|----------|
| Suitable I/O card | LX41C4   |
|                   | LX42C4   |
|                   | LY41NT1P |
|                   | LY42NT1P |
|                   | LY41PT1P |
|                   | LY42PT1P |

## Supported controller MITSUBISHI MELSEC Q

|                   |         |
|-------------------|---------|
| Suitable I/O card | QX81    |
|                   | QY81P   |
|                   | QX41    |
|                   | QX41-S1 |
|                   | QX42    |
|                   | QX42-S1 |
|                   | QY41P   |
|                   | QY42P   |
|                   | QH42P   |
|                   | QX82    |
|                   | QX82-S1 |
|                   | QY82P   |

## Supported controller SIEMENS S7-300 / ET 200 M

|                   |                    |
|-------------------|--------------------|
| Suitable I/O card | CPU 313C-2DP       |
|                   | CPU 314C-2DP       |
|                   | CPU 314C-2PtP      |
|                   | 6ES7321-1BH02-0AA0 |
|                   | 6ES7321-1BL00-0AA0 |
|                   | 6ES7322-1BH01-0AA0 |
|                   | 6ES7322-1BL00-0AA0 |
|                   | 6ES7323-1BH01-0AA0 |
|                   | 6ES7323-1BL00-0AA0 |

## Supported controller SIEMENS S7-400

|                   |                    |
|-------------------|--------------------|
| Suitable I/O card | 6ES7421-1BL01-0AA0 |
|                   | 6ES7422-1BL00-0AA0 |
|                   | 6ES7422-7BL00-0AB0 |

## Supported controller SCHNEIDER ELECTRIC Modicon TSX QUANTUM

|                   |         |
|-------------------|---------|
| Suitable I/O card | DDI 353 |
|                   | DDI 853 |

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DDO 353

## 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     | IDC/FLK pin strip |
| Number of connections | 1                 |
| Number of positions   | 14                |
| Pitch                 | 2.54 mm           |

## Signaling

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

## Dimensions

### Item dimensions

|        |         |
|--------|---------|
| Width  | 39.8 mm |
| Height | 65.5 mm |
| Depth  | 56 mm   |

## 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 |

## Standards and regulations

|                       |              |
|-----------------------|--------------|
| Standards/regulations | IEC 60664    |
|                       | DIN EN 50178 |

## Mounting

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|                   |                   |
|-------------------|-------------------|
| 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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## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

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## Environmental product compliance

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

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