

# VIP-3/SC/FLK40 - Interface module



2315078

<https://www.phoenixcontact.com/us/products/2315078>

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VARIOFACE module, with screw 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.

## Your advantages

- 10-pos. ... 64-pos.
- Metal foot
- In accordance with IEC 60603-13
- 1:1 connection
- Screw connection

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 2315078             |
| Packing unit                         | 1 pc                |
| Sales key                            | C423                |
| Product key                          | CK2411              |
| Catalog page                         | Page 549 (C-5-2019) |
| GTIN                                 | 4046356313292       |
| Weight per piece (including packing) | 197.9 g             |
| Weight per piece (excluding packing) | 197.9 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                     |
| No. of channels     | 2                      |
|                     | 4                      |
|                     | 6                      |
|                     | 8                      |
|                     | 16                     |
|                     | 32                     |

### Insulation characteristics

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

### Electrical properties

|   |              |
|---|--------------|
| No. of channels                           | 24 6 8 16 32 |
| Max. permissible operating voltage        | 25 V AC      |
|   | 60 V DC      |
| Max. current carrying capacity per branch | 1 A          |
| Rated surge voltage                       | 0.6 kV       |

### Supported controller ALLEN-BRADLEY SLC 500

|                   |            |
|-------------------|------------|
| Suitable I/O card | 1746 OB 32 |
|                   | 1746 OV 32 |
|                   | 1746 IB 32 |
|                   | 1746 IV 32 |

### 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                                   |
| Tightening torque                | 0.5 Nm ... 0.6 Nm                           |

#### Controller level

|                       |                   |
|-----------------------|-------------------|
| Connection method     | IDC/FLK pin strip |
| Number of connections | 1                 |

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|                     |         |
|---------------------|---------|
| Number of positions | 40      |
| Pitch               | 2.54 mm |

## Signaling

|                        |    |
|------------------------|----|
| Status display         | No |
| Status display present | No |

## Dimensions

### Item dimensions

|        |         |
|--------|---------|
| Width  | 77.4 mm |
| Height | 69 mm   |
| Depth  | 62 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

|                   |                   |
|-------------------|-------------------|
| 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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