

# VIP-2/SC/FLK50/AB-1756 - Passive module



2322317

<https://www.phoenixcontact.com/us/products/2322317>

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VARIOFACE COMPACT LINE, termination board for Allen-Bradley ControlLogix, with ControlLogix-specific marking

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 2322317             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Sales key                            | C423                |
| Product key                          | CK2381              |
| Catalog page                         | Page 472 (C-5-2019) |
| GTIN                                 | 4046356451000       |
| Weight per piece (including packing) | 198.1 g             |
| Weight per piece (excluding packing) | 196.7 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                     |
| No. of channels     | 2                      |
|                     | 4                      |
|                     | 6                      |
|                     | 8                      |
|                     | 16                     |
|                     | 32                     |

### Insulation characteristics

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

### Electrical properties

|   |         |
|---|---------|
| 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 ControlLogix

|                   |            |
|-------------------|------------|
| Suitable I/O card | 1756-IA16I |
|                   | 1756-IB16D |
|                   | 1756-IB16I |
|                   | 1756-IB32  |
|                   | 1756-IH16I |
|                   | 1756-OB32  |
|                   | 1756-IF8   |
|                   | 1756-IF16  |
|                   | 1756-HSC   |
|                   | 1756-M02AE |

### Supported controller HONEYWELL Experion PKS C200

|                   |            |
|-------------------|------------|
| Suitable I/O card | TC-IDK 161 |
|                   | TC-IDX 161 |
|                   | TC-IDJ 161 |
|                   | TC-IDD 321 |
|                   | TC-ODD 321 |
|                   | TC-IAH 161 |

## Connection data

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## Field level

|                                  |   |
|----------------------------------|---|
| Connection in acc. with standard | IEC / EN                                    |
| Connection method                | Screw connection                            |
| Stripping length                 | 8 mm  |
| Screw thread                     | M 3   |
| Number of positions              | 50  |
| 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   | 50                |
| Pitch                 | 2.54 mm           |

## Signaling

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

## Dimensions

### Item dimensions

|        |         |
|--------|---------|
| Width  | 95.9 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

|                   |                   |
|-------------------|-------------------|
| Mounting type     | DIN rail mounting |
| Mounting position | any               |

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## 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-12.0 | 27141152 |
| ECLASS-13.0 | 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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