# VIP-3/SC/FLK50/AN/2P/S7-1500 - Passive module

2908497

https://www.phoenixcontact.com/us/products/2908497

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VARIOFACE COMPACT LINE interface module for Siemens S7-1500 systems with S7-1500 specific labeling, with screw connection, external power distribution connections, module width: 128.2 mm

## Your advantages

- Single 50-pin FLK header
- Printed channel markings
- Three-level, screw terminal field connections
- External power distribution connections

## Commercial data

| | |
|---|---|
| Item number | 2908497 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | C423 |
| Product key | DK211S |
| GTIN | 4055626363509 |
| Weight per piece (including packing) | 333.7 g |
| Weight per piece (excluding packing) | 340.9 g |
| Customs tariff number | 85366990 |
| Country of origin | US |

# Technical data

## Product properties

| | |
|---|---|
| Product type | Interface module |
| Product family | VARIOFACE Professional |
| Number of positions | 50 |
| No. of channels | 8 |

## Electrical properties

| | |
|---|---|
| Operating voltage (AC) | ≤ 25 V AC |
| Operating voltage (DC) | ≤ 60 V DC |
| Current (per branch) | ≤ 1 A |
| Current (Total current, voltage supply) | ≤ 7 A |

Supported controller: SIEMENS S7-1500

| | |
|---|---|
| Suitable I/O card | 6ES7531-7KF00-0AB0 |
| | 6ES7531-7LH00-0AB0 |
| | 6ES7531-7MH00-0AB0 |
| | 6ES7531-7NF00-0AB0 |
| | 6ES7531-7NF10-0AB0 |
| | 6ES7531-7PF00-0AB0 |
| | 6ES7532-5HF00-0AB0 |
| | 6ES7531-7QF00-0AB0 |
| | 6ES7550-1AA01-0AB0 |
| | 6ES7551-1AB01-0AB0 |
| | 6ES7552-1AA00-0AB0 |
| | 6ES7553-1AA00-0AB0 |

## Connection data

Field level

| | |
|---|---|
| Connection method | Screw connection |
| Stripping length | 8 mm |
| Screw thread | M 3 |
| Conductor cross-section rigid | 0.2 mm² ... 4 mm² |
| Conductor cross-section flexible | 0.2 mm² ... 2.5 mm² |
| Conductor cross-section AWG | 24 ... 12 |

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 | 128.2 mm |
| Height | 68.8 mm |
| Depth | 60.7 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 ... 60 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

## Standards and regulations

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

## Mounting

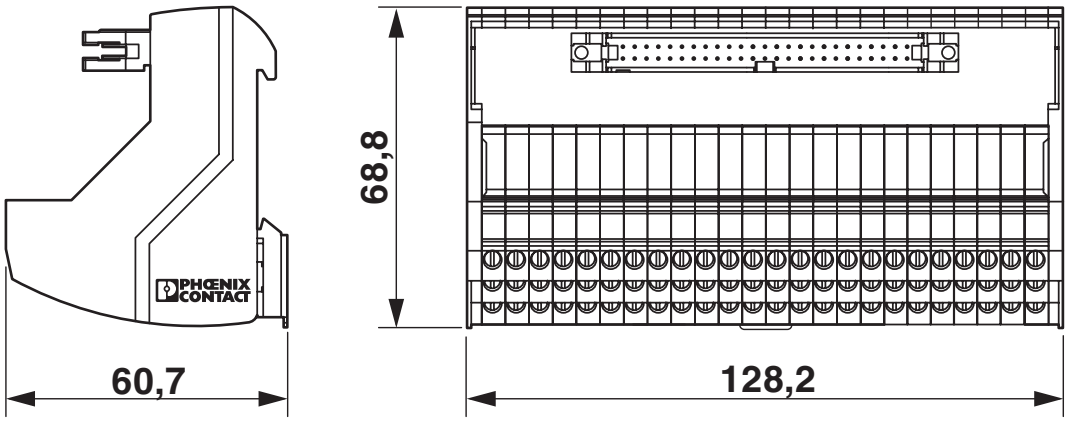
| | |
|---|---|
| Mounting type | DIN rail mounting |
| Mounting position | any |

## Notes

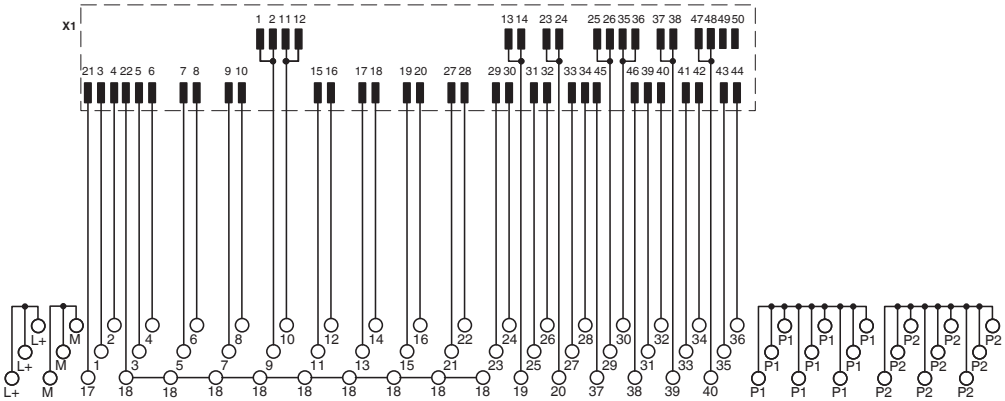
| | |
|---|---|
| Notes on operation | For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met. |

## Drawings

Dimensional drawing




Circuit diagram



## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2908497

**CSA**
Approval ID: 2122203

| | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
|---|---|---|---|---|
| keine | | | | |
| | 60 V | 7 A | 30 - 12 | - |
| per branch | 60 V | 1 A | 30 - 12 | - |

**cUL Recognized**
Approval ID: E238705

| | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
|---|---|---|---|---|
| keine | | | | |
| | 60 V | 7 A | 30 - 12 | - |
| per branch | 60 V | 1 A | 30 - 12 | - |

**UL Recognized**
Approval ID: E238705

| | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
|---|---|---|---|---|
| keine | | | | |
| | 60 V | 7 A | 30 - 12 | - |
| per branch | 60 V | 1 A | 30 - 12 | - |

**CSAus**
Approval ID: 2122203

| | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
|---|---|---|---|---|
| keine | | | | |
| | 60 V | 7 A | 30 - 12 | - |
| per branch | 60 V | 1 A | 30 - 12 | - |

## Classifications

### ECLASS

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

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC002780 |

### UNSPSC

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

## 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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