

# VIP-3/SC/2FLK14/AN/2P/S7-1500A - Passive module



2908464

<https://www.phoenixcontact.com/us/products/2908464>

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VARIOFACE COMPACT LINE interface module for Siemens S7-1500 systems with S7-1500 specific labeling, for channels 1-16, with screw connection, module width: 82.5 mm

## Your advantages

- Two 14-pin FLK headers
- Printed channel markings
- Three-level, screw terminal field connections

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2908464       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | C423          |
| Product key                          | DK211S        |
| GTIN                                 | 4055626357676 |
| Weight per piece (including packing) | 214.1 g       |
| Weight per piece (excluding packing) | 214.1 g       |
| Customs tariff number                | 85366990      |
| Country of origin                    | US            |

## Technical data

### Product properties

|                     |                        |
|---------------------|------------------------|
| Product type        | Interface module       |
| Product family      | VARIOFACE Professional |
| Number of positions | 14                     |
| No. of channels     | 4                      |

### Electrical properties

|                                           |         |
|-------------------------------------------|---------|
| Max. permissible operating voltage        | 25 V AC |
|                                           | 60 V DC |
| Max. current carrying capacity per branch | 1 A     |
| Max. total current of 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 |
|                   | 6ES7532-5HD00-0AB0 |
|                   | 6ES7532-5ND00-0AB0 |
|                   | 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 | 2                 |
| Number of positions   | 14                |
| Pitch                 | 2.54 mm           |

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## Signaling

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

## Dimensions

### Item dimensions

|        |         |
|--------|---------|
| Width  | 82.5 mm |
| Height | 68.8 mm |
| Depth  | 60.7 mm |

## Material specifications

|                             |                             |
|-----------------------------|-----------------------------|
| Color                       | gray (RAL 7042)             |
| 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

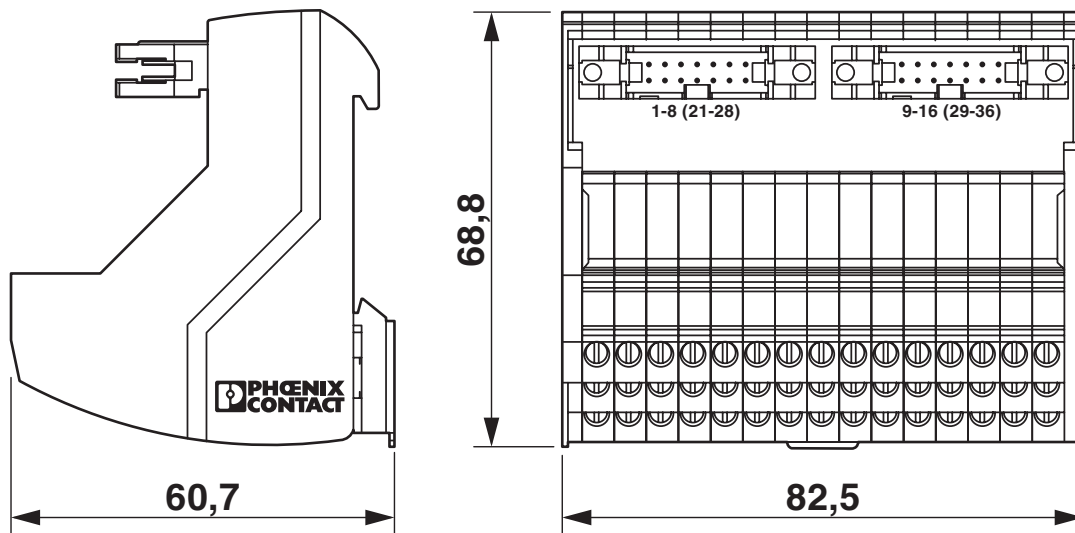
|                   |                   |
|-------------------|-------------------|
| Mounting type     | DIN rail mounting |
| Mounting position | any               |

## Notes

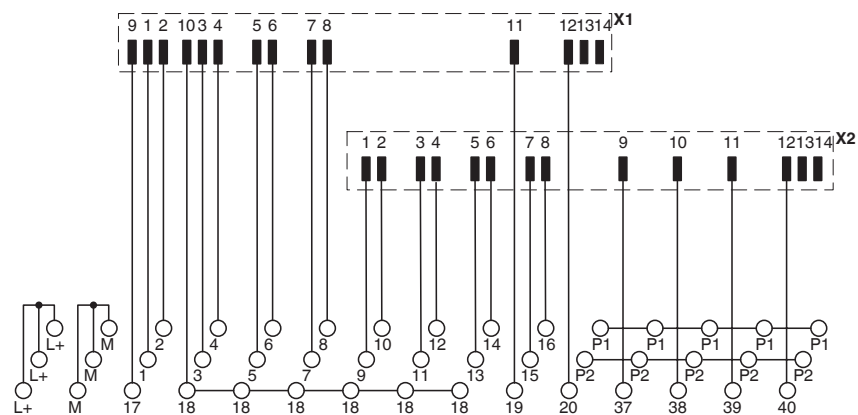
|                    |                                                                                                                                                                                                                                                                                |
|--------------------|----------------------------------------------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



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## Approvals

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|  <b>CSA</b><br>Approval ID: 2122203 |                       |                       |                   |                             |
|----------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
|                                                                                                                      | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
| keine                                                                                                                |                       |                       |                   |                             |
|                                                                                                                      | 60 V                  | 7 A                   | 30 - 12           | -                           |
| per branch                                                                                                           | 60 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                                                                                                                           |                       |                       |                   |                             |
|                                                                                                                                 | 60 V                  | 7 A                   | 30 - 12           | -                           |
| per branch                                                                                                                      | 60 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                                                                                                                            |                       |                       |                   |                             |
|                                                                                                                                  | 60 V                  | 7 A                   | 30 - 12           | -                           |
| per branch                                                                                                                       | 60 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                                                                                                                    |                       |                       |                   |                             |
|                                                                                                                          | 60 V                  | 7 A                   | 30 - 12           | -                           |
| per branch                                                                                                               | 60 V                  | 1 A                   | 30 - 12           | -                           |

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## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

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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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