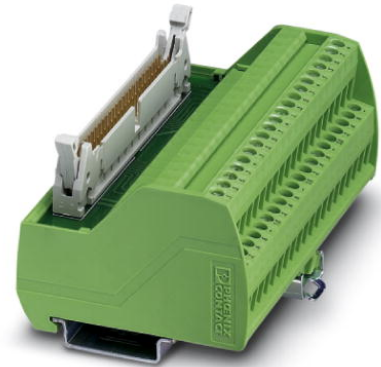


## VIP-2/SC/FLK50 (1-40) /S7

Order No.: 2315243



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2315243>

VARIOFACE interface module for Siemens SIMATIC® S7-300, with SIMATIC®-specific labeling (1 - 40), with screw connection, module width: 106.1 mm



### Commercial data

|                          |                    |
|--------------------------|--------------------|
| GTIN (EAN)               | 4046356313087      |
| sales group              | I550               |
| Pack                     | 1 pcs.             |
| Customs tariff           | 85369010           |
| Weight/Piece             | 0.216 KG           |
| Catalog page information | Page 230 (IF-2009) |

### Product notes

WEEE/RoHS-compliant since:  
09/02/2008



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### General data

|   |            |
|---|------------|
| Nominal voltage $U_N$                     | 60 V AC/DC |
| Max. current carrying capacity per branch | 1 A        |
| Number of positions                       | 50         |
| Width                                     | 106.1 mm   |

|   |                  |
|---|------------------|
| Height                                  | 65.5 mm          |
| Depth                                   | 56 mm            |
| Status display                          | No               |
| Ambient temperature (operation)         | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
| Mounting position                       | Any              |
| Standards/regulations                   | IEC 60664        |
|   | DIN EN 50178     |
|   | IEC 62103        |
| Pollution degree                        | 2                |
| Surge voltage category                  | II               |

#### Connection data

|  |  |
|--|--|
| Connection 1                           | Field level  |
| Type of connection                     | Screw connection   |
| Number of positions                    | 42   |
| Conductor cross section solid min.     | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.     | 4 mm <sup>2</sup>  |
| Conductor cross section stranded min.  | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.  | 2.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min. | 24   |
| Conductor cross section AWG/kcmil max  | 12   |
| Stripping length                       | 8 mm   |
| Screw thread                           | M 3  |
| Connection 2                           | Control system level                                       |
| Number of connections                  | 1  |
| Type of connection                     | Flat-ribbon cable plug connector in acc. with IEC 60603-13 |
| Number of positions                    | 50   |

#### Certificates / Approvals



Certification

CSA, CUL, UL

**CSA**

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 125 V |
| Nominal current $I_N$ | 1 A   |
| AWG/kcmil             | 30-12 |

**CUL**

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 125 V |
| Nominal current $I_N$ | 1 A   |
| AWG/kcmil             | 30-12 |

**UL**

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 125 V |
| Nominal current $I_N$ | 1 A   |
| AWG/kcmil             | 30-12 |

**Accessories**

| Item                   | Designation               | Description  |
|------------------------|---------------------------|--|
| <b>Cable/conductor</b> |                           |  |
| 2314257                | CABLE-FLK50-0,14/HF/...   | Assembled <b>halogen-free</b> round cable, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels. Halogen-free refers exclusively to the 50-pos. cable.Length of cable: Variable |
| 2314134                | CABLE-FLK50/0,14/HF/ 0,5M | Assembled <b>halogen-free</b> round cable, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels. Halogen-free refers exclusively to the 50-pos. cable.Length of cable: 0.55 yd  |
| 2314147                | CABLE-FLK50/0,14/HF/ 1,0M | Assembled <b>halogen-free</b> round cable, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels. Halogen-free refers exclusively to the 50-pos. cable.Length of cable: 1 m      |
| 2314150                | CABLE-FLK50/0,14/HF/ 1,5M | Assembled <b>halogen-free</b> round cable, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels. Halogen-free refers exclusively to the 50-pos. cable.Length of cable: 1.64 yd  |
| 2314163                | CABLE-FLK50/0,14/HF/ 2,0M | Assembled <b>halogen-free</b> round cable, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels. Halogen-free refers exclusively to the 50-pos. cable.Length of cable: 2.19 yd  |
| 2314176                | CABLE-FLK50/0,14/HF/ 2,5M | Assembled <b>halogen-free</b> round cable, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels. Halogen-free refers exclusively to the 50-pos. cable.Length of cable: 2.73 yd  |
| 2314202                | CABLE-FLK50/0,14/HF/ 5,0M | Assembled <b>halogen-free</b> round cable, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels. Halogen-free refers exclusively to the 50-pos. cable.Length of cable: 5 m      |
| 2314215                | CABLE-FLK50/0,14/HF/ 6,0M | Assembled <b>halogen-free</b> round cable, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels. Halogen-free refers exclusively to the 50-pos. cable.Length of cable: 6 m      |

|         |                            |   |
|---------|----------------------------|---|
| 2314228 | CABLE-FLK50/0,14/HF/ 7,0M  | Assembled <b>halogen-free</b> round cable, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels. Halogen-free refers exclusively to the 50-pos. cable.Length of cable: 7 m |
| 2314231 | CABLE-FLK50/0,14/HF/ 8,0M  | Assembled <b>halogen-free</b> round cable, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels. Halogen-free refers exclusively to the 50-pos. cable.Length of cable: 8 m |
| 2289065 | FLK 50/EZ-DR/ 50/KONFEK    | Round cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 0.5 m   |
| 2299097 | FLK 50/EZ-DR/ 50/KONFEK/S  | Round shielded cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 0.5 m  |
| 2289078 | FLK 50/EZ-DR/ 100/KONFEK   | Round cable sets, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 1 m  |
| 2299107 | FLK 50/EZ-DR/ 100/KONFEK/S | Round shielded cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 1 m  |
| 2289081 | FLK 50/EZ-DR/ 150/KONFEK   | Round cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 1.5 m   |
| 2299110 | FLK 50/EZ-DR/ 150/KONFEK/S | Round shielded cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 1.5 m  |
| 2289094 | FLK 50/EZ-DR/ 200/KONFEK   | Round cable sets, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 2 m  |
| 2299123 | FLK 50/EZ-DR/ 200/KONFEK/S | Round shielded cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 2 m  |
| 2289104 | FLK 50/EZ-DR/ 250/KONFEK   | Round cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 2.5 m   |
| 2289117 | FLK 50/EZ-DR/ 300/KONFEK   | Round cable sets, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 3 m  |
| 2299136 | FLK 50/EZ-DR/ 300/KONFEK/S | Round shielded cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 3 m  |
| 2289120 | FLK 50/EZ-DR/ 350/KONFEK   | Round cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 3.5 m   |
| 2289133 | FLK 50/EZ-DR/ 400/KONFEK   | Round cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 4 m   |
| 2299149 | FLK 50/EZ-DR/ 400/KONFEK/S | Round shielded cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 4 m  |
| 2289573 | FLK 50/EZ-DR/ 450/KONFEK   | Round cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 4,5 m   |
| 2289586 | FLK 50/EZ-DR/ 500/KONFEK   | Round cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 5 m   |
| 2289599 | FLK 50/EZ-DR/ 550/KONFEK   | Round cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 5,5 m   |
| 2289609 | FLK 50/EZ-DR/ 600/KONFEK   | Round cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 6 m   |
| 2299152 | FLK 50/EZ-DR/ 600/KONFEK/S | Round shielded cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 6 m  |

|         |                            |   |
|---------|----------------------------|---|
| 2289612 | FLK 50/EZ-DR/ 650/KONFEK   | Round cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 6.5 m         |
| 2289625 | FLK 50/EZ-DR/ 700/KONFEK   | Round cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 7 m           |
| 2289638 | FLK 50/EZ-DR/ 750/KONFEK   | Round cable set, with two 50-pos. female connectors (1:1 connection), for connecting 32 channels, cable length: 7.5 m     |
| 2289641 | FLK 50/EZ-DR/ 800/KONFEK   | Round cable sets, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 8 m          |
| 2299165 | FLK 50/EZ-DR/ 800/KONFEK/S | Round shielded cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 8 m  |
| 2289654 | FLK 50/EZ-DR/ 850/KONFEK   | Round cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 8.5 m         |
| 2289667 | FLK 50/EZ-DR/ 900/KONFEK   | Round cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 9 m           |
| 2289670 | FLK 50/EZ-DR/ 950/KONFEK   | Round cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 9.5 m         |
| 2289683 | FLK 50/EZ-DR/1000/KONFEK   | Round cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 10 m          |
| 2299178 | FLK 50/EZ-DR/1000/KONFEK/S | Round shielded cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 10 m |
| 2295046 | FLK EZ-DR-S.../.../...     | Round cable, with preassembly, shielded, variable cable length  |
| 2295059 | FLK EZ-DR.../.../...       | Round cable, with preassembly, not shielded, variable cable length  |

**General**

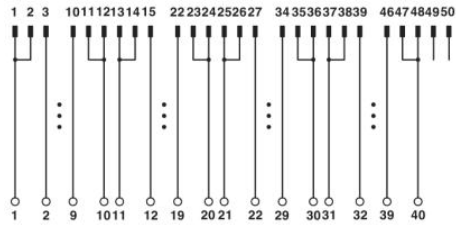
|         |             |  |
|---------|-------------|--|
| 5147777 | BLUEMARK X1 | Printers with UV technology for printing plastic labels in UniCard format. |
|---------|-------------|--|

**Marking**

|         |                    |  |
|---------|--------------------|--|
| 0818111 | UC-TM 4            | UniCard sheets, for labeling terminal blocks using a Zack marker strip groove, 120-section, can be labeled with BLUEMARK X1 and CMS-P1-PLOTTER, color: White                     |
| 0818085 | UC-TM 6            | UniCard sheets, for labeling terminal blocks using Zack marker strip groove, 80-section, labeling with BLUEMARK X1 and CMS-P1-PLOTTER, color: White                              |
| 0811862 | ZB 22:UNBEDRUCKT   | Zack marker strip, unprinted: 4-section, for individual labeling with M-PEN, ZB-T or CMS system, sufficient for 100 terminal blocks, for a terminal width of 22 mm, color: White |
| 0809793 | ZB 5,08:UNBEDRUCKT | Zack strip, unprinted: 10-section, for individual labeling with M-PEN, ZB-T or CMS system, sufficient for 100 terminal blocks per pack   |

**Diagrams/Drawings**

Circuit diagram



VIP-2/SC/FLK50 (1-40) /S7 connection scheme

**Address**

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Phone (800) 888-7388  
Fax (717) 944-1625  
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