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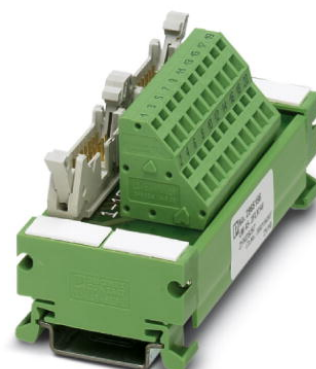
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



Extract from the online  
catalog

## UM 45- 2FLK14/ZFKDS/S7

Order No.: 2965156



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2965156>

VARIOFACE interface module for Siemens SIMATIC® S7-300, for max. 16 channels with SIMATIC®-specific labeling (1 - 20), with spring-cage connection, module width: 98 mm



### Commercial data

|                          |                    |
|--------------------------|--------------------|
| GTIN (EAN)               |                    |
| sales group              | I631               |
| Pack                     | 1 pcs.             |
| Customs tariff           | 85369010           |
| Catalog page information | Page 233 (IF-2009) |

### Product notes

WEEE/RoHS-compliant since:  
01/19/2007



<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 DC          |
| Max. current carrying capacity per branch | 1 A              |
| Max. total current of voltage supply      | max. 3 A (/Byte) |
| Number of positions                       | 14               |

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|                                         |                       |
|-----------------------------------------|-----------------------|
| Width                                   | 98 mm                 |
| Height                                  | 45 mm                 |
| Depth                                   | 50 mm                 |
| Status display                          | No                    |
| Ambient temperature (operation)         | -20 °C ... 50 °C      |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C      |
| Test voltage                            | 500 V (50 Hz, 1 min.) |
| 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                     | Spring-cage connection                                     |
| Conductor cross section solid min.     | 0.14 mm <sup>2</sup>                                       |
| Conductor cross section solid max.     | 1.5 mm <sup>2</sup>                                        |
| Conductor cross section stranded min.  | 0.14 mm <sup>2</sup>                                       |
| Conductor cross section stranded max.  | 1.5 mm <sup>2</sup>                                        |
| Conductor cross section AWG/kcmil min. | 26                                                         |
| Conductor cross section AWG/kcmil max  | 14                                                         |
| Stripping length                       | 6 mm                                                       |
| Connection 2                           | Control system level                                       |
| Number of connections                  | 2                                                          |
| Type of connection                     | Flat-ribbon cable plug connector in acc. with IEC 60603-13 |
| Number of positions                    | 14                                                         |

#### Certificates / Approvals



Certification

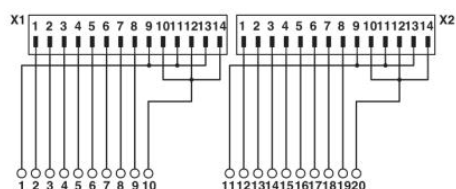
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## Diagrams/Drawings

### Circuit diagram



UM 45-2FLK14/ZFKDS/S7 connection scheme

UM 45- 2FLK14/ZFKDS/S7 Order No.: 2965156  
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