

## FL IF 2FX SC-D

Order No.: 2832425

The illustration shows a version with front connection

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2832425>FO media module for connecting 100Base-FX multimode glass fibers  
(1300 nm), connection direction downwards


### Ethernet

#### Product notes

WEEE/RoHS-compliant since:  
05/21/2008

<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.

#### Commercial data

|                          |   |
|--------------------------|---|
| GTIN (EAN)               | <br>4 017918 929138 |
| sales group              | K000  |
| Pack                     | 1 pcs.  |
| Customs tariff           | 85176200  |
| Catalog page information | Page 189 (AX-2009)  |

#### Technical data

##### Interfaces

|                    |  |
|--------------------|--|
| Interface          | Ethernet: 100Base-FX in acc. with IEEE 802.3 |
| No. of ports       | 2  |
| Type of connection | SC connector                                 |
| Transmission speed | 100 MBit/s (connection direction downwards)  |

|  |  |
|--|--|
| Transmission length                      | 10000 m (maximum (depends on the fiber used))                          |
| Interface                                | Ethernet: 100Base-FX in acc. with IEEE 802.3                           |
| No. of ports                             | 2  |
| Type of connection                       | SC connector   |
| Transmission speed                       | 100 MBit/s   |
| Transmission length                      | 2800 m (glass fiber with F-G 50/125 1.6 dB/km F800)                    |
|  | 6400 m (glass fiber with F-G 50/125 0.7 dB/km F1200)                   |
|  | 3000 m (glass fiber with F-G 62.5/125 2.6 dB/km F600)                  |
|  | 2800 m (glass fiber with F-G 50/125 1.6 dB/km F800)                    |
| <b>Function</b>                          |  |
| Basic functions                          | Media module for modular managed switch                                |
| <b>Supply voltage</b>                    |  |
| Supply voltage                           | (via head station)   |
| Typical current consumption              | 200 mA   |
| <b>General data</b>                      |  |
| Weight                                   | 80 g   |
| Width                                    | 31 mm  |
| Height                                   | 75.7 mm  |
| Depth                                    | 72.5 mm  |
| Degree of protection                     | IP20   |
| Ambient temperature (operation)          | 0 °C ... 55 °C (no condensation)                                       |
| Ambient temperature (storage/transport)  | -20 °C ... 70 °C   |
| Permissible humidity (operation)         | 10 % ... 95 % (no condensation)  |
| Permissible humidity (storage/transport) | 10 % ... 95 % (no condensation)  |
| Housing material                         | PA   |
| Noise emission                           | EN 61000-6-3/-4  |
| Noise immunity                           | EN 61000-6-2:2005  |
| <b>Mechanical tests</b>                  |  |
| Type of test                             | Shock test in acc. with IEC 60068-2-27                                 |
| Test result                              | Operation: 25 g, 11 ms duration, semi-sinusoidal shock impulse         |
| Type of test                             | Shock test in acc. with IEC 60068-2-27                                 |
| Test result                              | Storage/Transport: 50 g, 11 ms duration, semi-sinusoidal shock impulse |
| Type of test                             | Vibration resistance in acc. with IEC 60068-2-6                        |

|                                    |   |
|------------------------------------|---|
| Test result                        | Operation/Storage/Transport: 5 g, 150 Hz, Criterion 3 |
| Inflammability class acc. to UL 94 | V0  |

**Conformity with EMC directives**

|                                 |  |
|---------------------------------|--|
| Developed in acc. with standard | IEC 61000-6.2                                      |
| Test standard                   | IEC 61000-4-2 (ESD)                                |
| Test result                     | Criterion B  |
| Test standard                   | IEC 61000-4-3 (immunity to radiated interference)  |
| Test result                     | Criterion A  |
| Test standard                   | IEC 61000-4-4 (burst)                              |
| Test result                     | Criterion A  |
| Test standard                   | IEC 61000-4-5 (surge)                              |
| Test result                     | Criterion A  |
| Test standard                   | IEC 61000-4-6 (immunity to conducted interference) |
| Test result                     | Criterion A  |
| Test standard                   | IEC 61000-4-8 (immunity to magnetic fields)        |
| Test result                     | Criterion A  |
| Test standard                   | EN 55022 (emitted interference)                    |
| Test result                     | Criterion A  |

**Certificates / Approvals**

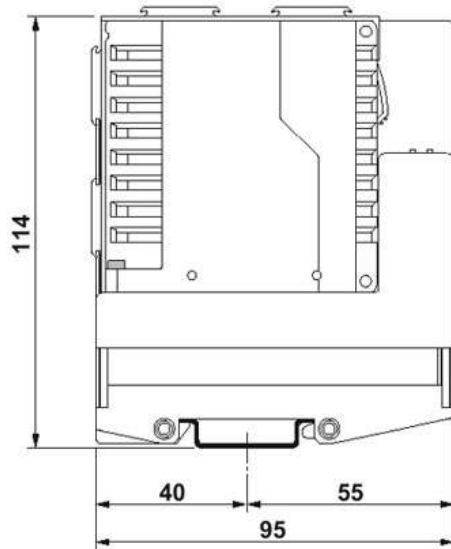


Certification ABS, BV, CUL, DNV, GL, LR, UL

Certification Ex: CUL-EX LIS, UL-EX LIS

## Diagrams/Drawings

### Dimensioned drawing



The illustration shows a version of the interface module with the head station FL SWITCH MM HS

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