

FL MXT


Order No.: 2832331



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2832331>


Expansion, 8 Ethernet ports

Ethernet

| Commercial data | |
|--------------------------|---|
| GTIN (EAN) |  4 017918 929107 |
| Note | Made-to-order |
| sales group | K000 |
| Pack | 1 pcs. |
| Customs tariff | 85176200 |
| Catalog page information | Page 187 (AX-2009) |

Product notes

WEEE/RoHS-compliant since:
01/16/2009



<http://www.download.phoenixcontact.com>
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Technical data

| Interfaces | |
|----------------------|---------------------------------------|
| Interface | Ethernet |
| Type of connection | 8 ports via FL IF (interface) modules |
| Transmission physics | Copper |
| Transmission speed | 10/100 MBit/s |

| | |
|----------------------|---|
| Signal LEDs | Data receive, link status |
| Interface | Ethernet FO |
| Type of connection | Via interface modules |
| Transmission physics | Multimode glass fiber |
| Transmission speed | 100 MBit/s (full duplex) |
| Transmission length | Up to 10000 m (For single mode glass fiber: 36,000 m) |

Function

| | |
|----------------------------------|---|
| Basic functions | Extension module for Modular Managed Switch |
| Status and diagnostic indicators | LEDs for media modules |

Supply voltage

| | |
|-----------------------------|--------------------|
| Typical current consumption | (via head station) |
|-----------------------------|--------------------|

General data

| | |
|--|----------------------------------|
| Weight | 550 g |
| Width | 127 mm |
| Height | 95 mm |
| Depth | 115 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 6.6 |
| Noise emission | EN 61000-6-3/-4 |
| Noise immunity | EN 61000-6-2:2005 |

Mechanical tests

| | |
|--------------|--|
| 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: 5g, 150 Hz, criterion A |
| Type of test | Free fall in acc. with IEC 60068-2-32 |
| Test result | 1 m |

| | |
|--------------|---|
| Type of test | Vibration resistance in acc. with IEC 60068-2-6 |
| Test result | Storage/transport: 5g, 150 Hz, criterion C |

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 | EN 55022 (emitted interference) |
| Test result | Class A |

Certificates / Approvals



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

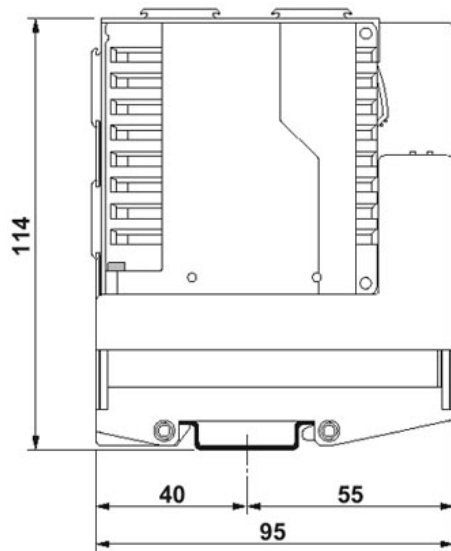
Accessories

| Item | Designation | Description |
|----------------|-------------------|--|
| General | | |
| 2832425 | FL IF 2FX SC-D | FO media module for connecting 100Base-FX multimode glass fibers (1300 nm), connection direction downwards |
| 2832412 | FL IF 2FX SC-F | FO media module for connecting 100Base-FX multimode glass fibers (1300 nm), connection direction forwards |
| 2832205 | FL IF 2FX SM SC-D | FO interface module for connecting single mode (monomode) glass fibers (1300 nm) to the Factoryline Modular Managed Switch, output downwards |

| | | |
|---------|-------------------|--|
| 2884033 | FL IF 2FX ST-D | Interface module |
| 2832357 | FL IF 2TX VS-RJ-D | Media module with two twisted pair ports for the modular managed switch system |
| 2832344 | FL IF 2TX VS-RJ-F | Media module with two twisted-pair ports for the modular managed switch system, output towards the front |
| 2832483 | FL IF MEM 2TX-D | Memory module, 2 port twisted pair module for saving the switch configuration |
| 2832331 | FL MXT | Expansion, 8 Ethernet ports |

Diagrams/Drawings

Dimensioned drawing



The illustration shows the extension module FL MXT with the head station FL SWITCH MM HS and the interface module fitted

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