

# FL MXT


Order No.: 2832331



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


Expansion, 8 Ethernet ports

## Ethernet

Commercial data	
GTIN (EAN)	
sales group	K000
Pack	1 pcs.
Customs tariff	85176200
Catalog page information	Page 187 (AX-2009)

**Product notes**

WEEE/RoHS-compliant since: 01/15/2008



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Technical data	
<b>Interfaces</b>	
Interface 1	Ethernet
Connection method	8 ports via FL IF (interface) modules
Transmission physics	Copper
Transmission speed	10/100 MBit/s

Signal LEDs	Data receive, link status
Interface 2	Ethernet FO
Connection method	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)
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**General data**

Width	127 mm
Height	95 mm
Depth	115 mm
Mounting type	DIN rail
Type AX	Stand-alone
Weight	550 g
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
<b>General</b>		
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

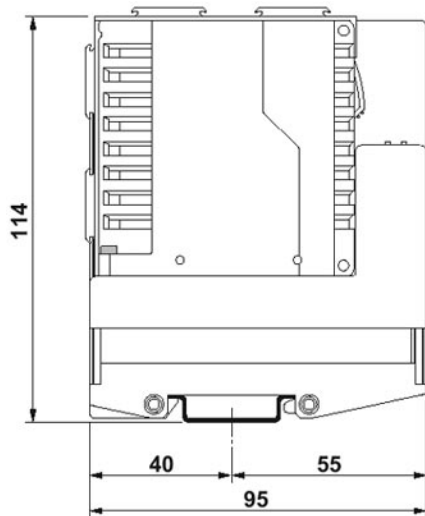
2832205	FL IF 2FX SM SC-D	FO interface module for connecting single mode (monomode) glass fibers (1300 nm) to the Factoryline Modular Managed Switch, output downwards
2884033	FL IF 2FX ST-D	Interface module
2832357	FL IF 2TX VS-RJ-D	Media module with two twisted pair ports for the modular managed switch 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
2832331	FL MXT	Expansion, 8 Ethernet ports

**Memory**

2832483	FL IF MEM 2TX-D	Memory module, 2 port twisted pair module for saving the switch configuration
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**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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