

# FL MXT/M - Extension module



2832535

<https://www.phoenixcontact.com/us/products/2832535>

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Expansion, 8 Ethernet ports, with GL rating



## Commercial data

Item number	2832535
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DNN123
GTIN	4046356044066
Weight per piece (including packing)	666.9 g
Weight per piece (excluding packing)	624.04 g
Customs tariff number	85176200
Country of origin	DE

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## Technical data

### Product properties

Product type	Extension module
Type	modular

### System properties

#### Functionality

Basic functions	Extension module for Modular Managed Switch
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### Electrical properties

Transmission medium	Copper
	FO

#### Supply

Typical current consumption	via head station
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### Interfaces

#### Ethernet

Connection method	8 ports via FL IF (interface) modules
Transmission speed	10/100 Mbps
Transmission physics	Copper

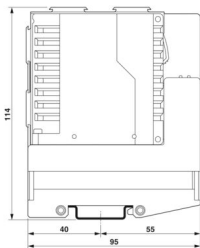
#### Ethernet FO

Connection method	Via interface modules
Transmission speed	100 Mbps (full duplex)
Transmission physics	multi-mode fiberglass
Transmission length	up to 10000 m (depending on the fiber used)

### Signaling

Status display	LEDs for media modules
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### Dimensions

Dimensional drawing	
Width	127 mm
Height	95 mm
Depth	115 mm

## Material specifications

Color	green
Housing material	PA 6.6

## Mechanical tests

Shock in accordance with EN 60068-2-27/IEC 60068-2-27	: Operation: 25g, 11 ms duration, semi-sinusoidal shock impulse
	: Storage/Transport: 50g, 11 ms duration, semi-sinusoidal shock impulse
Vibration resistance in accordance with EN 60068-2-6/IEC 60068-2-6	: Operation: 5g, 150 Hz, criterion A
Free fall in accordance with IEC 60068-2-32	: 1 m
Vibration resistance in accordance with EN 60068-2-6/IEC 60068-2-6	: Storage/transport: 5g, 150 Hz, criterion C

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 55 °C (non-condensing)
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Permissible humidity (operation)	10 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	10 % ... 95 % (non-condensing)
Vibration (operation)	in acc. with IEC 60068-2-6: 5g, 150 Hz

## EMC data

Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Conformance with EMC directives	IEC 61000-6-2 IEC 61000-4-2 (ESD) Criterion B
	IEC 61000-4-3 (immunity to radiated interference) Criterion A
	IEC 61000-4-4 (burst) Criterion A
	IEC 61000-4-5 (surge) Criterion A
	IEC 61000-4-6 (immunity to conducted interference) Criterion A
	EN 55022 (emitted interference) Class A
Noise immunity	EN 61000-6-2:2005

### Noise emission

Standards/regulations	EN 61000-6-3/-4
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## Standards and regulations

Free from substances that could impair the application of coating	In acc. with VW specification
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## Mounting

Mounting type	DIN rail mounting
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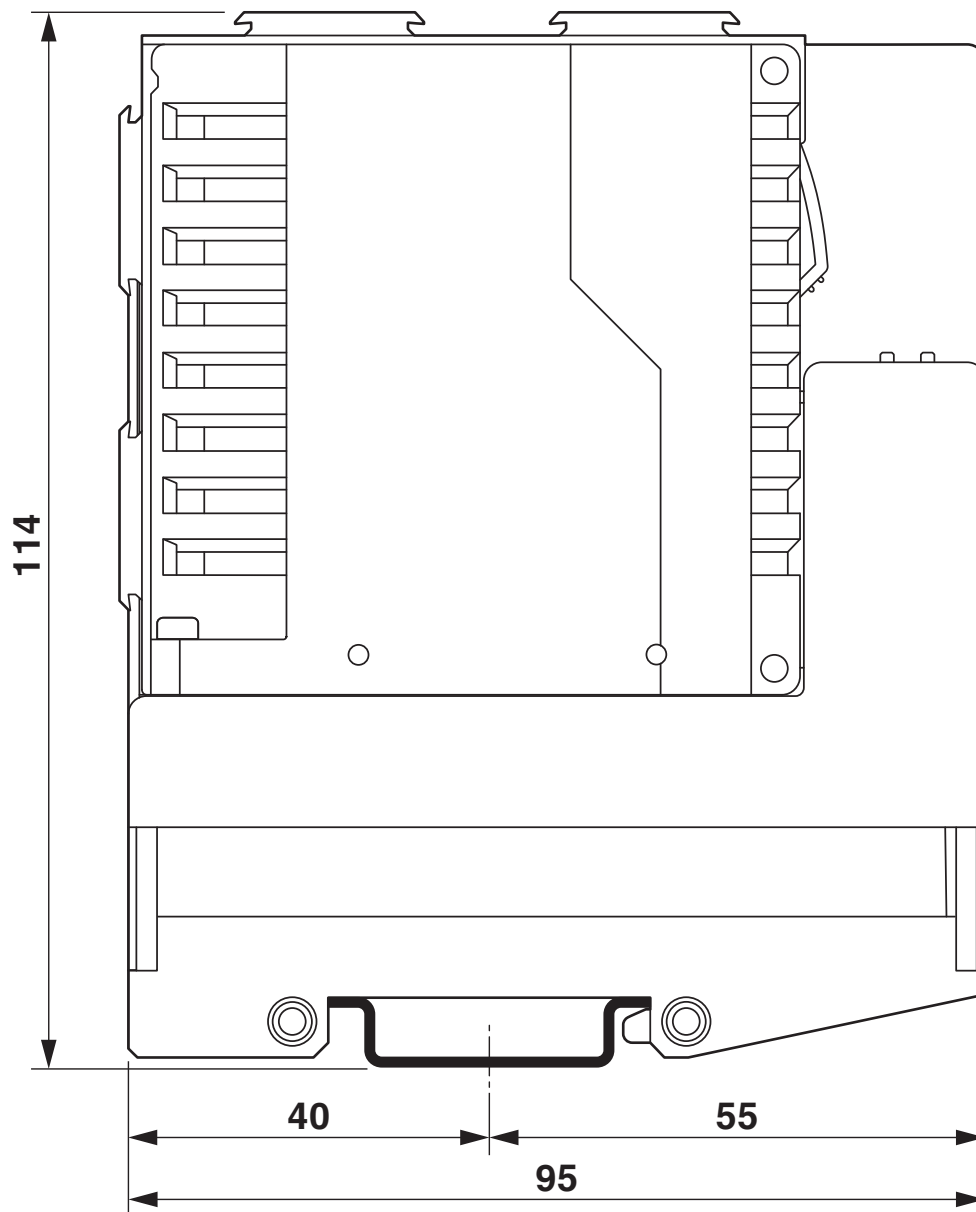
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## Drawings

Dimensional drawing



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

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## Environmental product compliance

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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