

FL MXT/M - Extension module



2832535

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

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

FL MXT/M - Extension module



2832535

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

Technical data

Product properties

Product type	Extension module
Type	modular

System properties

Functionality

Basic functions	Extension module for Modular Managed Switch
-----------------	---

Electrical properties

Transmission medium	Copper
	FO

Supply

Typical current consumption	via head station
-----------------------------	------------------

Interfaces

Ethernet

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

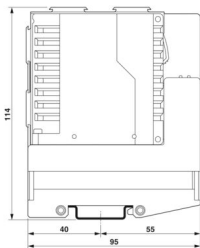
Ethernet FO

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
----------------	------------------------

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
-----------------------	-----------------

Standards and regulations

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

Mounting

Mounting type	DIN rail mounting
---------------	-------------------

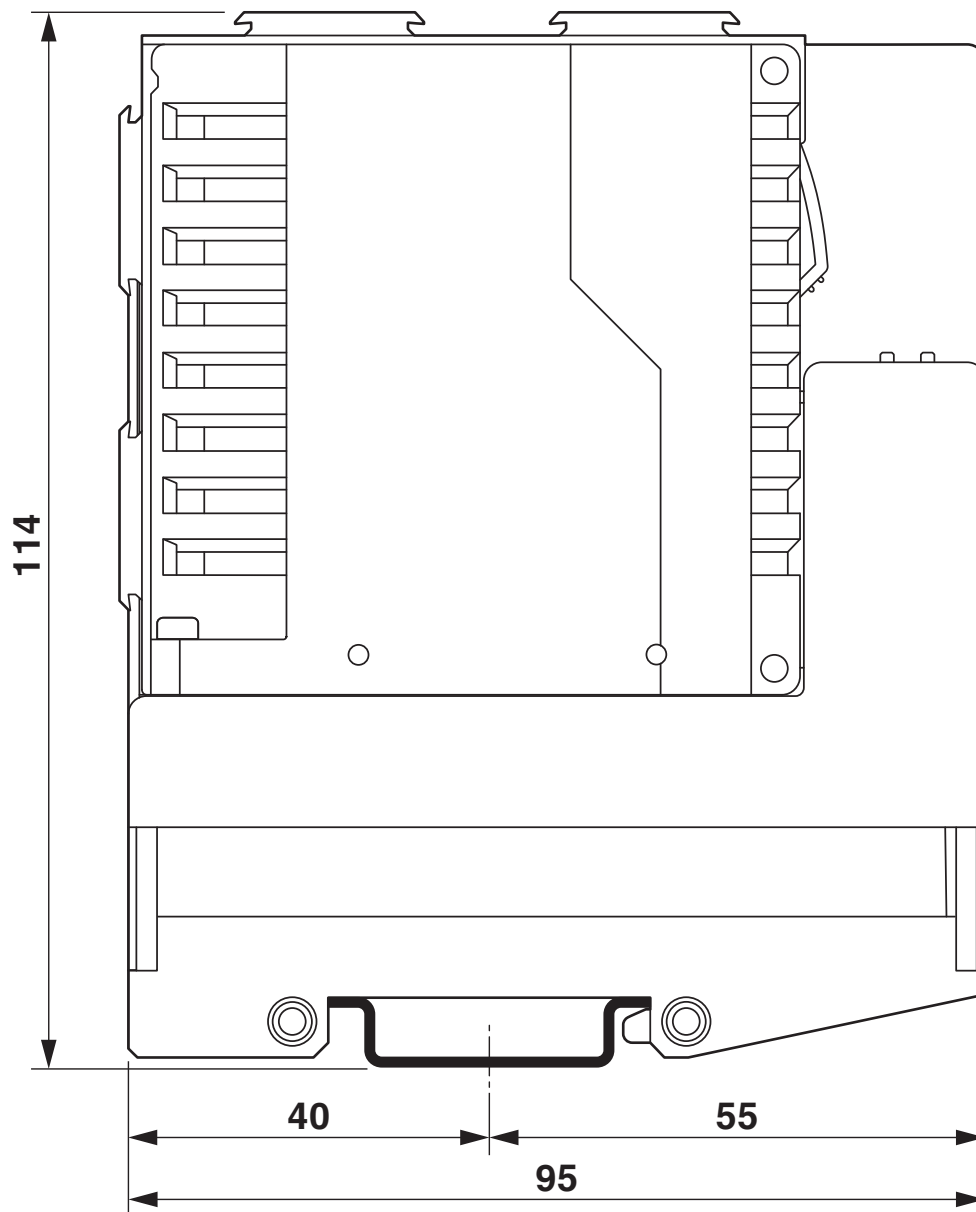
FL MXT/M - Extension module

2832535

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

Drawings

Dimensional drawing



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

FL MXT/M - Extension module

2832535

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



Environmental product compliance

EU REACH SVHC

REACH candidate substance (CAS No.)	
-------------------------------------	--

	No substance above 0.1 wt%
--	----------------------------

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com