

# FL IF 2POF 10/100-D - Media module



2832852

<https://www.phoenixcontact.com/us/products/2832852>

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.



Interface module, 2 ports, 10/100 Mbps, auto negotiation for the Modular Managed Switch System, exit downward

## Commercial data

Item number	2832852
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DNN123
GTIN	4017918974527
Weight per piece (including packing)	88.888 g
Weight per piece (excluding packing)	88.888 g
Customs tariff number	84718000
Country of origin	DE

# FL IF 2POF 10/100-D - Media module



2832852

<https://www.phoenixcontact.com/us/products/2832852>

## Technical data

### Product properties

Product type	Extension module
Type	fine granularity

### System properties

#### Functionality

Basic functions	Media module for modular managed switch
-----------------	---

### Electrical properties

Electrical isolation	10BASE-F/100BASE-FX//Supply
Transmission medium	FO

#### Supply

Supply voltage	via head station
Power supply connection	from FL SWITCH MM HS or MXT
Typical current consumption	100 mA

#### Brake to be connected

Connection method	Can be plugged onto FL SWITCH MM HS or FL MXT
-------------------	---

### Connection data

Connection method	Can be plugged onto FL SWITCH MM HS or FL MXT
-------------------	---

### Interfaces

#### Ethernet

Connection method	FSMA plugs
Transmission speed	10/100 Mbps (connection direction downwards)
Transmission length	max. 50 m (including 3 dB system reserve, polymer fiber with 980/1000 230 dB/km)
No. of channels	2

#### Fiber optic interface

Connection method	F-SMA connector
Transmission speed	10/100 Mbps
Transmission length	50 m (including 3 dB system reserve, polymer fiber with 980/1000 230 dB/km)
Wavelength	650 nm
No. of channels	2

### Dimensions

# FL IF 2POF 10/100-D - Media module



2832852

<https://www.phoenixcontact.com/us/products/2832852>

Dimensional drawing	
Width	31 mm
Height	80.3 mm
Depth	72.5 mm

## Material specifications

Color	green
Flammability rating according to UL 94	V0
Housing material	PA

## 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/Storage/Transport: 5g, 150 Hz, Criterion 3

## 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 89/336/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
	IEC 61000-4-8 (immunity to magnetic fields) Criterion A
	EN 55022 (emitted interference) Criterion A
Noise immunity	EN 61000-6-2:2005

### Noise emission

# FL IF 2POF 10/100-D - Media module



2832852

<https://www.phoenixcontact.com/us/products/2832852>

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

## Standards and regulations

Electrical isolation	10BASE-F/100BASE-FX/Supply
----------------------	----------------------------

## Mounting

Mounting type	In the host system
---------------	--------------------

# FL IF 2POF 10/100-D - Media module

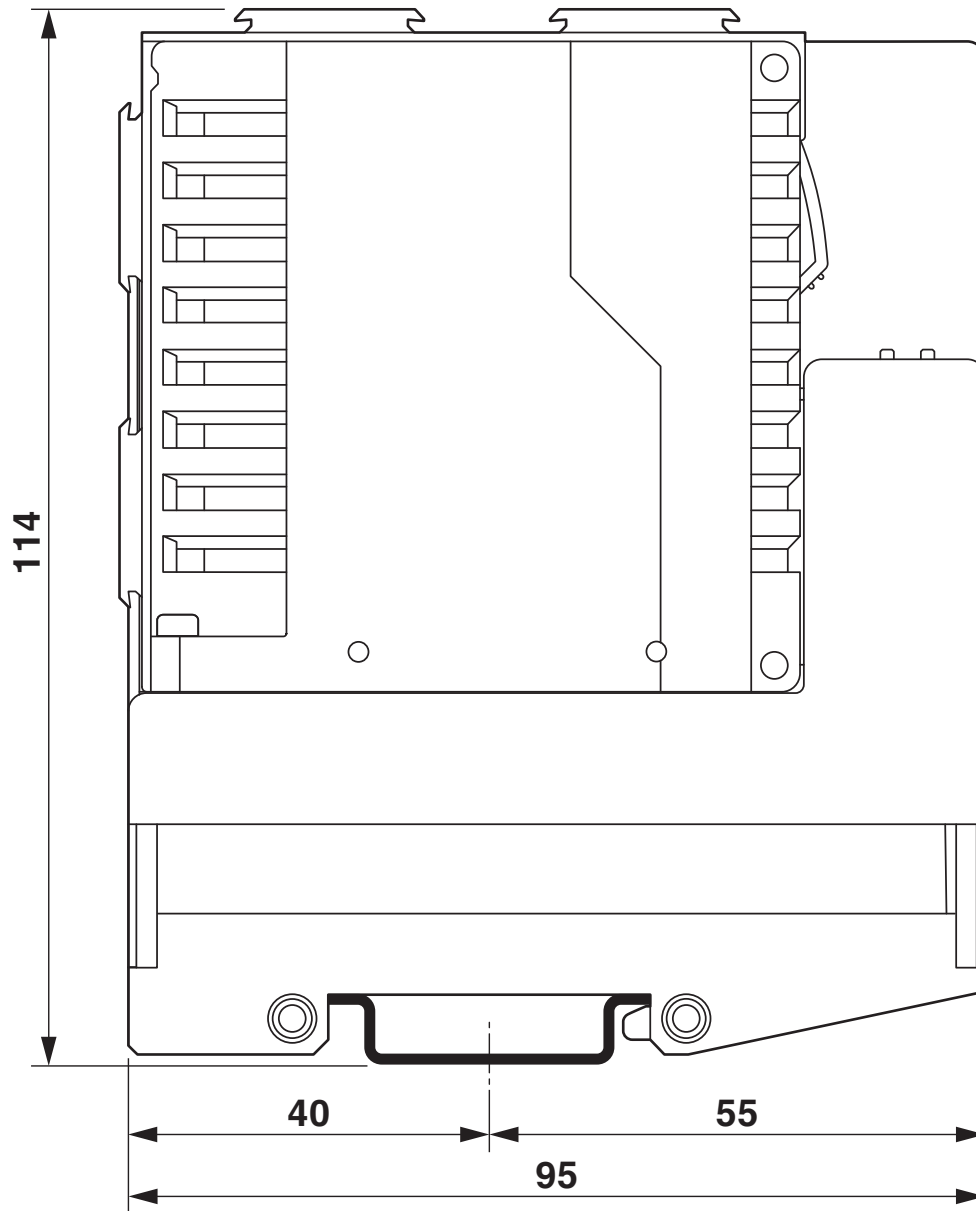


2832852

<https://www.phoenixcontact.com/us/products/2832852>

## Drawings

Dimensional drawing



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

# FL IF 2POF 10/100-D - Media module



2832852

<https://www.phoenixcontact.com/us/products/2832852>

## 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](mailto:info@phoenixcon.com)