

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



2832807

<https://www.phoenixcontact.com/us/products/2832807>

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Interface module, one port twisted pair, one port POF, exit downward



## Commercial data

Item number	2832807
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DNN123
GTIN	4017918974510
Weight per piece (including packing)	100.2 g
Weight per piece (excluding packing)	100.2 g
Customs tariff number	84718000
Country of origin	DE

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## Technical data

### Product properties

Product type	Extension module
Type	fine granularity

### System properties

#### Functionality

Basic functions	Media module for modular managed switch
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### Electrical properties

Transmission medium	FO
	Copper

#### Supply

Supply voltage	via head station
Power supply connection	from FL SWITCH MM HS or MXT
Typical current consumption	60 mA

#### Break to be connected

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

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

#### Ethernet 10/100Base T

Connection method	RJ45 jack
Transmission speed	10/100 Mbps
Transmission physics	Copper
Transmission length	100 m
No. of channels	1

#### Ethernet FO

Connection method	FSMA plugs
Transmission speed	10/100 Mbps
Transmission physics	FO
Transmission length	50 m (including 3 dB system reserve, polymer fiber with F-K 980/1000 230 dB/km)
Wavelength	650 nm
No. of channels	1

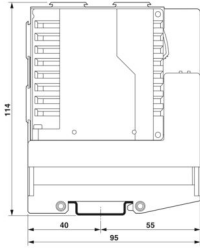
### Dimensions

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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

## 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)

## EMC data

Electromagnetic compatibility	Conformance with EMC directive 89/336/EC
Noise immunity	EN 61000-6-2:2005

### Noise emission

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

Mounting type	In the host system
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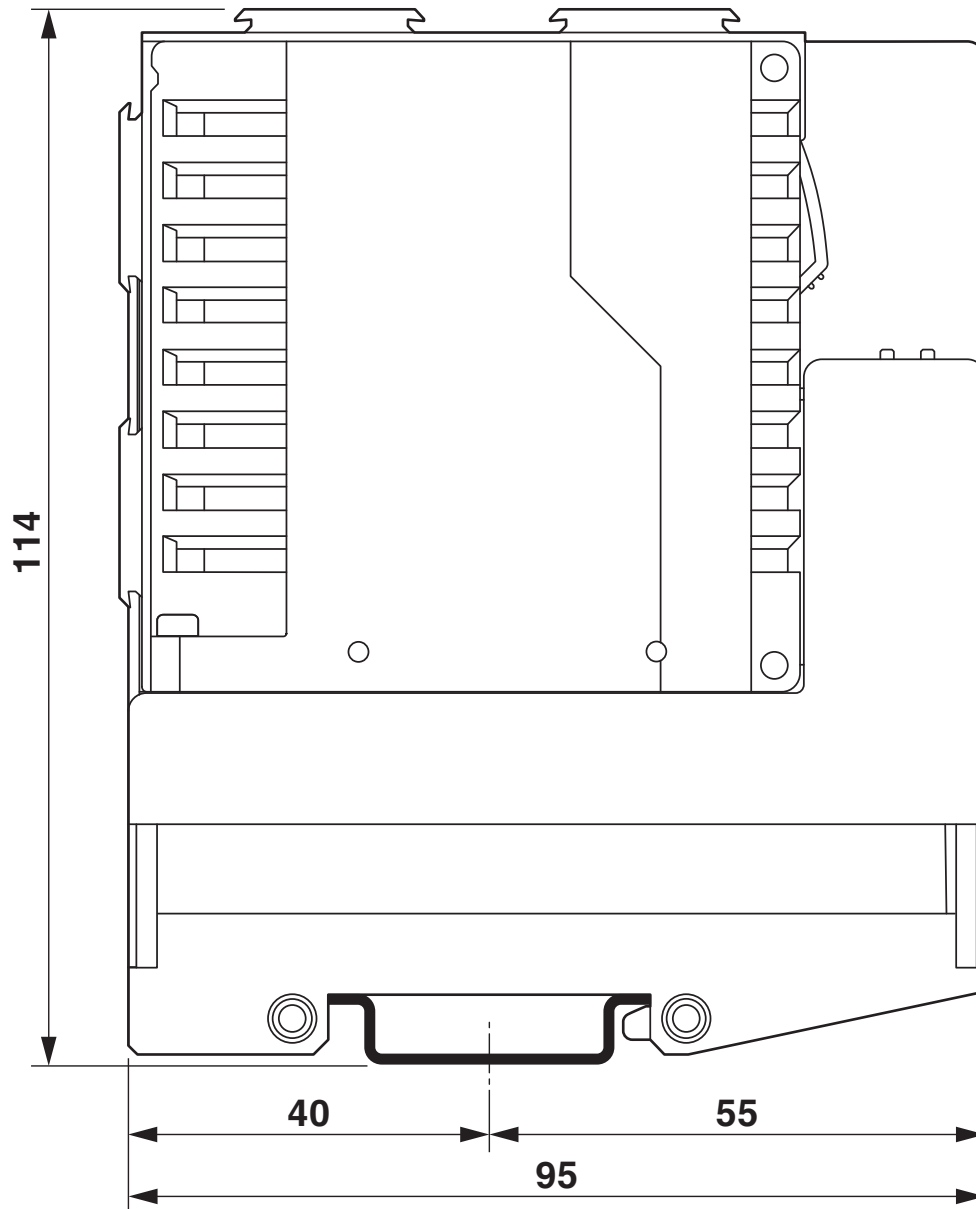


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## Drawings

Dimensional drawing



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

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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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