

# FL IF 2TX VS-RJ-D - Media module

2832357

<https://www.phoenixcontact.com/us/products/2832357>

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Interface module for connecting twisted pair cable, RJ45, connection direction downward

The figure shows a version with front connection

## Commercial data

Item number	2832357
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN17
Product key	DNN123
GTIN	4017918929121
Weight per piece (including packing)	95 g
Weight per piece (excluding packing)	70 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Notes

#### Note on application

Note on application	Only for industrial use
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### Product properties

Product type	Extension module
Type	Stand-alone

### System properties

#### Functionality

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

Maximum power dissipation for nominal condition	21.6 W
Transmission medium	Copper

#### Supply

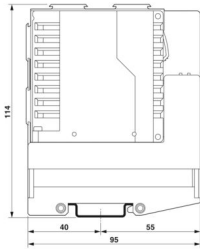
Supply voltage	via head station
Power supply connection	from FL SWITCH GHS or FXT
Typical current consumption	10 mA

### Interfaces

#### Ethernet

Connection method	RJ45
Transmission speed	10/100 Mbps (connection direction downwards)
Transmission physics	Ethernet in RJ45 twisted pair
Transmission length	100 m (per segment)
No. of channels	2 (RJ45 ports)
Transmission speed	10/100 Mbps (connection direction downwards)
Transmission length	100 m (per segment)

### Dimensions

Dimensional drawing	
Width	31 mm

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Height	75 mm
Depth	72.5 mm

## Material specifications

Color	green
Flammability rating according to UL 94	V0
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/Storage/Transport: 5g, 150 Hz, Criterion 3
Free fall in accordance with IEC 60068-2-32	: 1 m

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 55 °C (non-condensing)
Ambient temperature (storage/transport)	-20 °C ... 80 °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
	IEC 61000-4-8 (immunity to magnetic fields) Criterion A
Noise immunity	EN 55022 (emitted interference) Criterion A 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	In the host system
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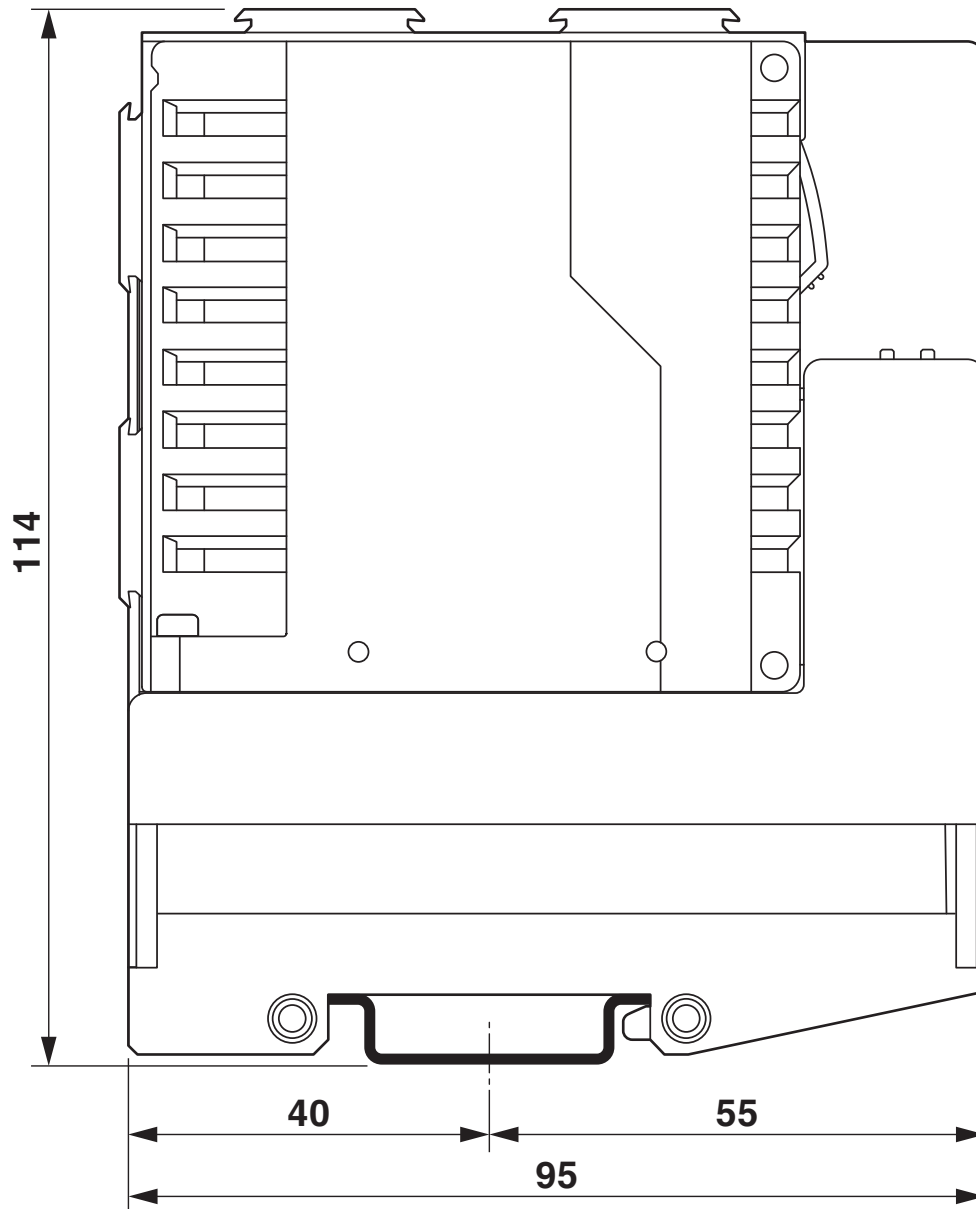
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## Drawings

Dimensional drawing



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

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## Classifications

### ECLASS

ECLASS-13.0

19170411

### ETIM

ETIM 9.0

EC001467

### UNSPSC

UNSPSC 21.0

43201500

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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(c)-I

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

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