

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



2832357

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

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
Basic functions	Media module for modular managed switch

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

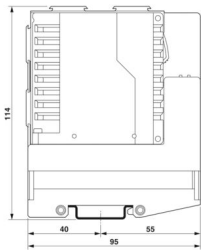
Supply voltage	via head station
Power supply connection	from FL SWITCH GHS or FXT
Typical current consumption	10 mA

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	
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Width	31 mm
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
	EN 55022 (emitted interference) Criterion 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	In the host system
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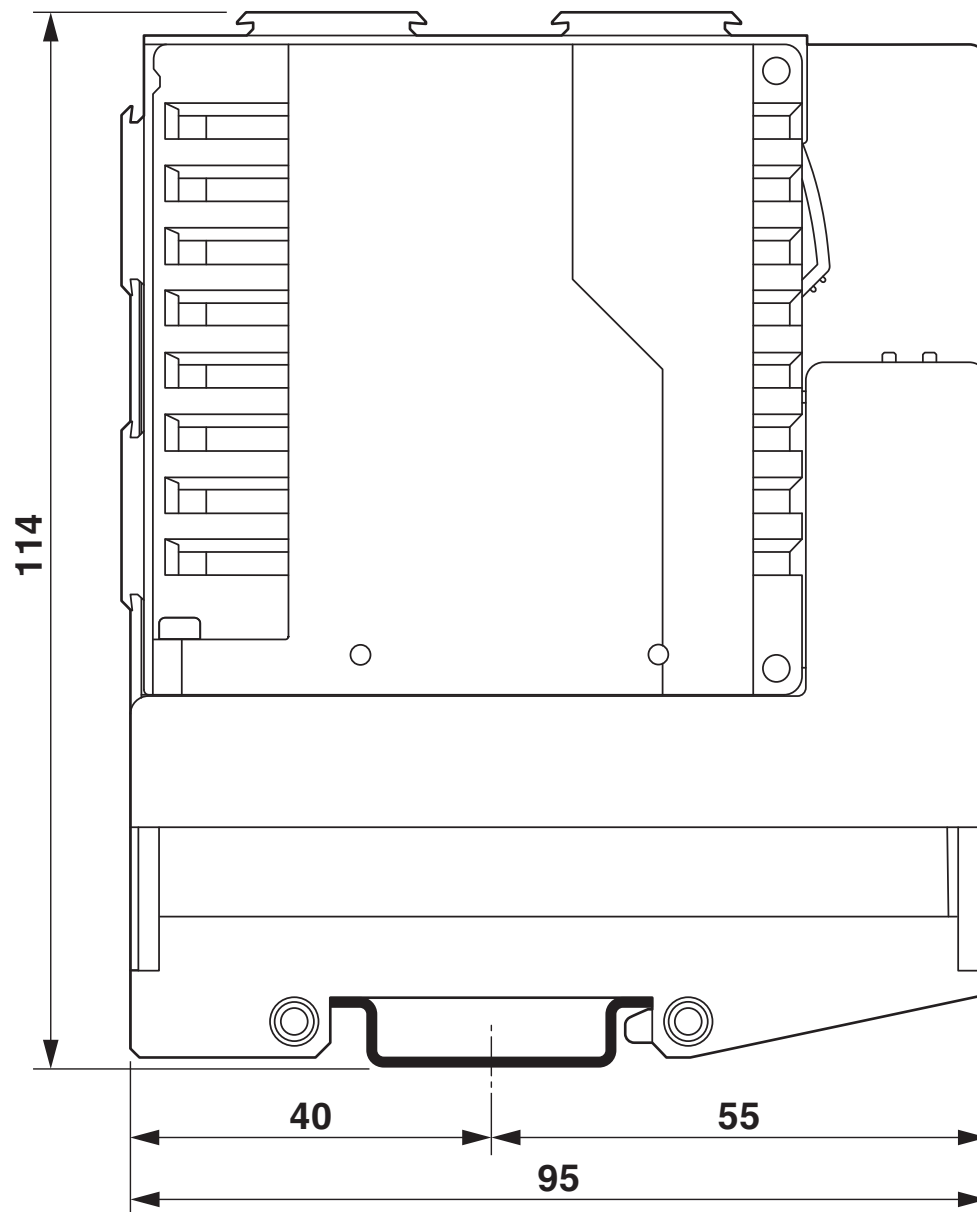


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Drawings

Dimensional drawing



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

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Approvals

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cUL Recognized
Approval ID: E140324



UL Recognized
Approval ID: E140324



KC
Approval ID: KCC-REI-PCK-FL283235



cUL Listed
Approval ID: E199827



UL Listed
Approval ID: E199827

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Classifications

ECLASS

ECLASS-13.0	19170411
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ETIM

ETIM 9.0	EC001467
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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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com