

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



2832344

<https://www.phoenixcontact.com/us/products/2832344>

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 for connecting twisted pair cable, RJ45, connection direction forward

Commercial data

Item number	2832344
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN17
Product key	DNN123
Catalog page	Page 330 (C-6-2019)
GTIN	4017918929114
Weight per piece (including packing)	94.7 g
Weight per piece (excluding packing)	70 g
Customs tariff number	85366990
Country of origin	DE

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



2832344

<https://www.phoenixcontact.com/us/products/2832344>

Technical data

Notes

Note on application

Note on application	Only for industrial use
---------------------	-------------------------

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
----------	---

Product properties

Product type	Extension module
Type	Stand-Alone

Data management status

Article revision	08
------------------	----

System properties

Functionality

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

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 forwards)
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 forwards)
Transmission length	100 m (per segment)

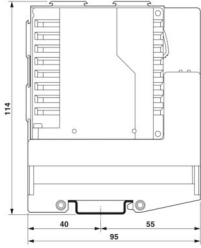
Dimensions

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

2832344

<https://www.phoenixcontact.com/us/products/2832344>



Dimensional drawing	
Width	31 mm
Height	75.7 mm
Depth	75.5 mm

Material specifications

Color	green
Flammability rating according to UL 94	V0
Housing material	PA 6.6

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

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
Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Noise emission	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	In the host system
---------------	--------------------

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

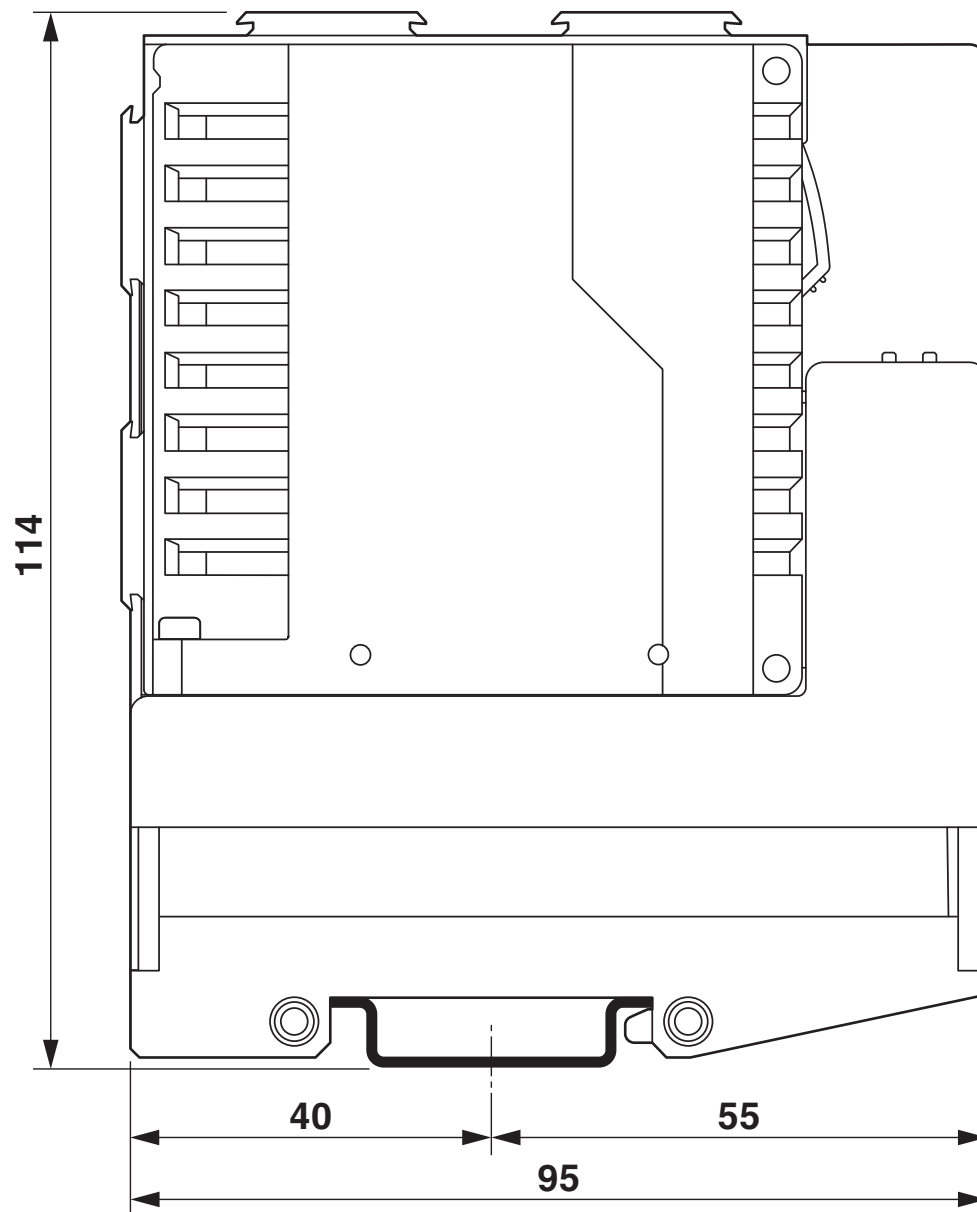


2832344

<https://www.phoenixcontact.com/us/products/2832344>

Drawings

Dimensional drawing



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

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



2832344

<https://www.phoenixcontact.com/us/products/2832344>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2832344>



cUL Recognized
Approval ID: E140324



UL Recognized
Approval ID: E140324



EAC
Approval ID: RU*DE*08.B.00731/19



KC
Approval ID: KCC-REI-PCK-FL283234



cUL Listed
Approval ID: E199827



UL Listed
Approval ID: E199827

cULus Recognized

cULus Listed

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



2832344

<https://www.phoenixcontact.com/us/products/2832344>

Classifications

ECLASS

ECLASS-11.0	19170411
ECLASS-12.0	19170411
ECLASS-13.0	19170411

ETIM

ETIM 9.0	EC001467
----------	----------

UNSPSC

UNSPSC 21.0	43201500
-------------	----------

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



2832344

<https://www.phoenixcontact.com/us/products/2832344>

Accessories

FL PLUG RJ45 GR/2 - RJ45 connector

2744856

<https://www.phoenixcontact.com/us/products/2744856>



RJ45 connector, design: RJ45, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Plastic, connection method: Crimp connection, connection cross section: AWG 26- 24, cable outlet: straight, color: gray, Ethernet

FL PLUG RJ45 GN/2 - RJ45 connector

2744571

<https://www.phoenixcontact.com/us/products/2744571>



RJ45 connector, design: RJ45, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Plastic, connection method: Crimp connection, connection cross section: AWG 26- 24, cable outlet: straight, color: green, Ethernet

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

2832344

<https://www.phoenixcontact.com/us/products/2832344>



FL CAT5 HEAVY - Data cable

2744814

<https://www.phoenixcontact.com/us/products/2744814>



CAT5-SF/UTP cable (J-02YS(ST)C HP 2 x 2 x 24 AWG), heavy-duty installation cable, 2 x 2 x 0.22 mm², solid conductor, shielded, outer sheath: 7.8 mm diameter, inner sheath: 5.75 mm ± 0.15 mm diameter

FL CAT5 FLEX - Installation cable

2744830

<https://www.phoenixcontact.com/us/products/2744830>



By the meter, Installation cable, Ethernet CAT5 (100 Mbps), shielded, PUR halogen-free, water blue RAL 5021, 4-wire (2x2xAWG26/7, SF/UTP), color single wire: white/orange-orange, white/green-green, cable length: Free entry (1.0 ... 1000.0 m)

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

2832344

<https://www.phoenixcontact.com/us/products/2832344>



FL CRIMPTOOL - Assembly tool

2744869

<https://www.phoenixcontact.com/us/products/2744869>

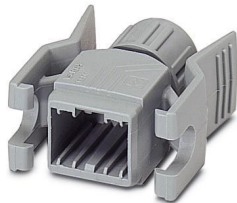
Crimping pliers, for assembling the RJ45 plugs FL PLUG RJ45..., for assembly on site



VS-08-T-G-RJ45/IP20 - RJ45 sleeve housing

1652295

<https://www.phoenixcontact.com/us/products/1652295>



RJ45 sleeve housing, IP20, for pin insert VS-08-ST-RJ45, with push-pull interlocking for panel mounting frames, inverted design, for Factoryline modular managed switches, for cable cross section 5.0 mm ... 6.5 mm

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

2832344

<https://www.phoenixcontact.com/us/products/2832344>

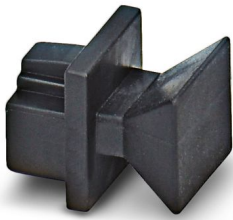


FL RJ45 PROTECT CAP - Dust protection

2832991

<https://www.phoenixcontact.com/us/products/2832991>

Dust protection caps for RJ45 socket



ZBF 29:UNBEDRUCKT - Zack Marker strip, flat

0829003

<https://www.phoenixcontact.com/us/products/0829003>



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 29 mm, lettering field size: 29 x 6.4 mm, Number of individual labels: 30

Phoenix Contact 2024 © - 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