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

2832344

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

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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 |

## Technical data

### Notes

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 |

### 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

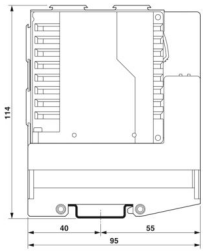
| | |
|---|---|
| Supply voltage | via head station |
| Power supply connection | From FL SWITCH GHS or FXT |
| Typical current consumption | 10 mA |

### 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

| | |
|---|---|
| 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

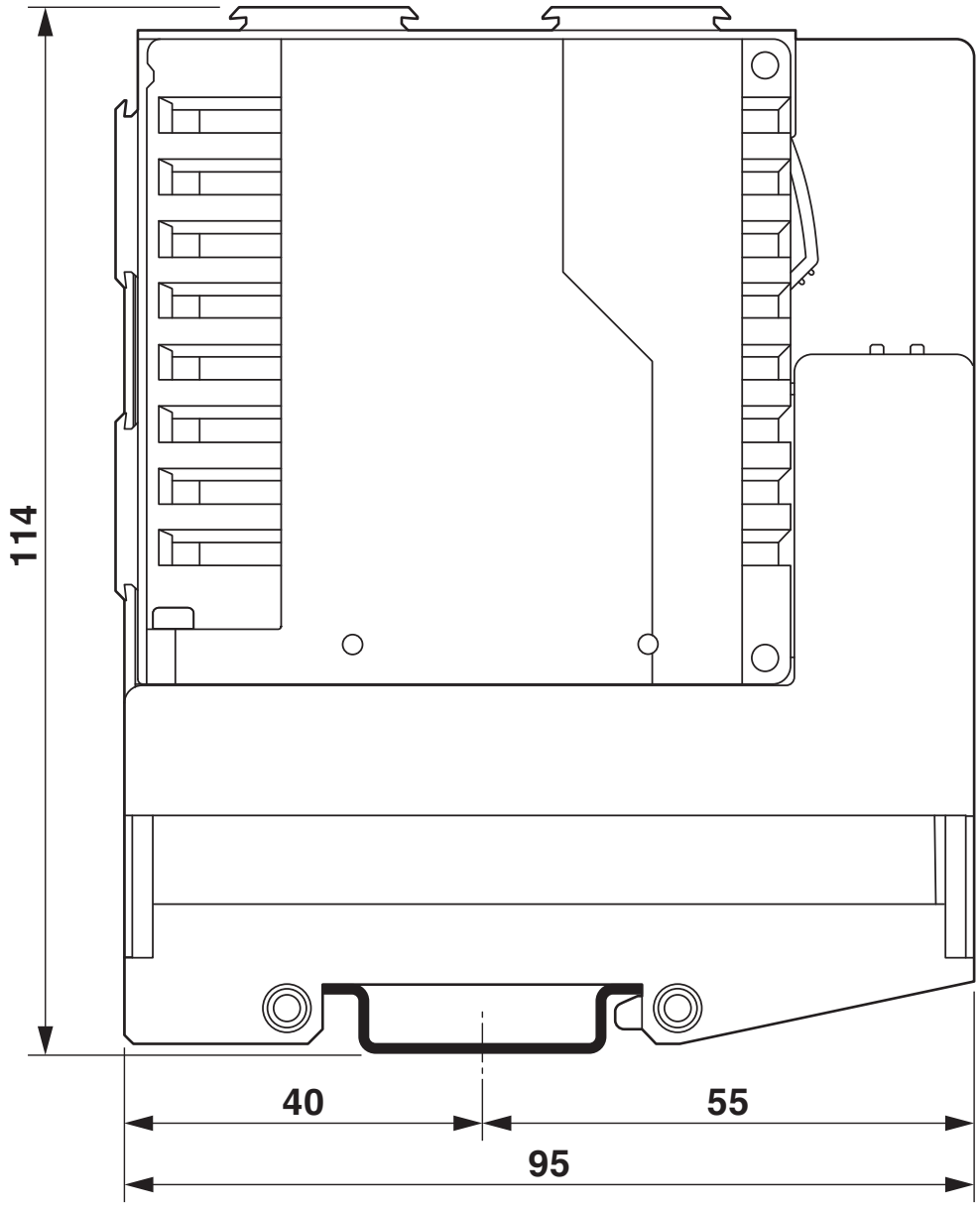
| | |
|---|---|
| Free from substances that could impair the application of coating | In acc. with VW specification |

## Mounting

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

## Drawings

Dimensional drawing




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

## Approvals

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

**cUL Recognized**
Approval ID: FILE E 140324

**UL Recognized**
Approval ID: FILE E 140324

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

**KC**
Approval ID: KCC-REI-PCK-FL283234

**cUL Listed**
Approval ID: FILE E 199827

**UL Listed**
Approval ID: FILE E 199827

**cULus Recognized**

**cULus Listed**

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

## 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% |

## 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 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 $mm^2$, 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 CRIMPTOOL - Assembly tool

2744869

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

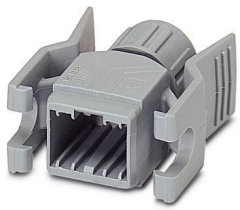


Crimping pliers, for assembling the RJ45 plugs FL PLUG RJ45..., for assembly on site

## VS-08-T-G-RJ45/IP20 - RJ45 sleeve housings

1652295

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

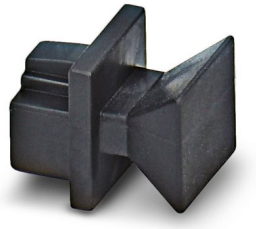


RJ45 sleeve housing, IP20, for pin insert VS-08-ST-RJ45, with push-pull interlocking for panel mounting frames, inverted design, for Factoryline modular managed switches, for cable cross section 5.0 mm ... 6.5 mm

## FL 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

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