

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 |
| 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 |

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Technical data

Notes

Note on application

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

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

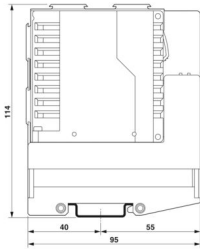
| | |
|-----------------------------|---------------------------|
| Supply voltage | via head station |
| Power supply connection | from FL SWITCH GHS or FXT |
| Typical current consumption | 10 mA |

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 |

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| | |
|--------|---------|
| Height | 75.7 mm |
| Depth | 75.5 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 |
|-----------------------|-----------------|

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

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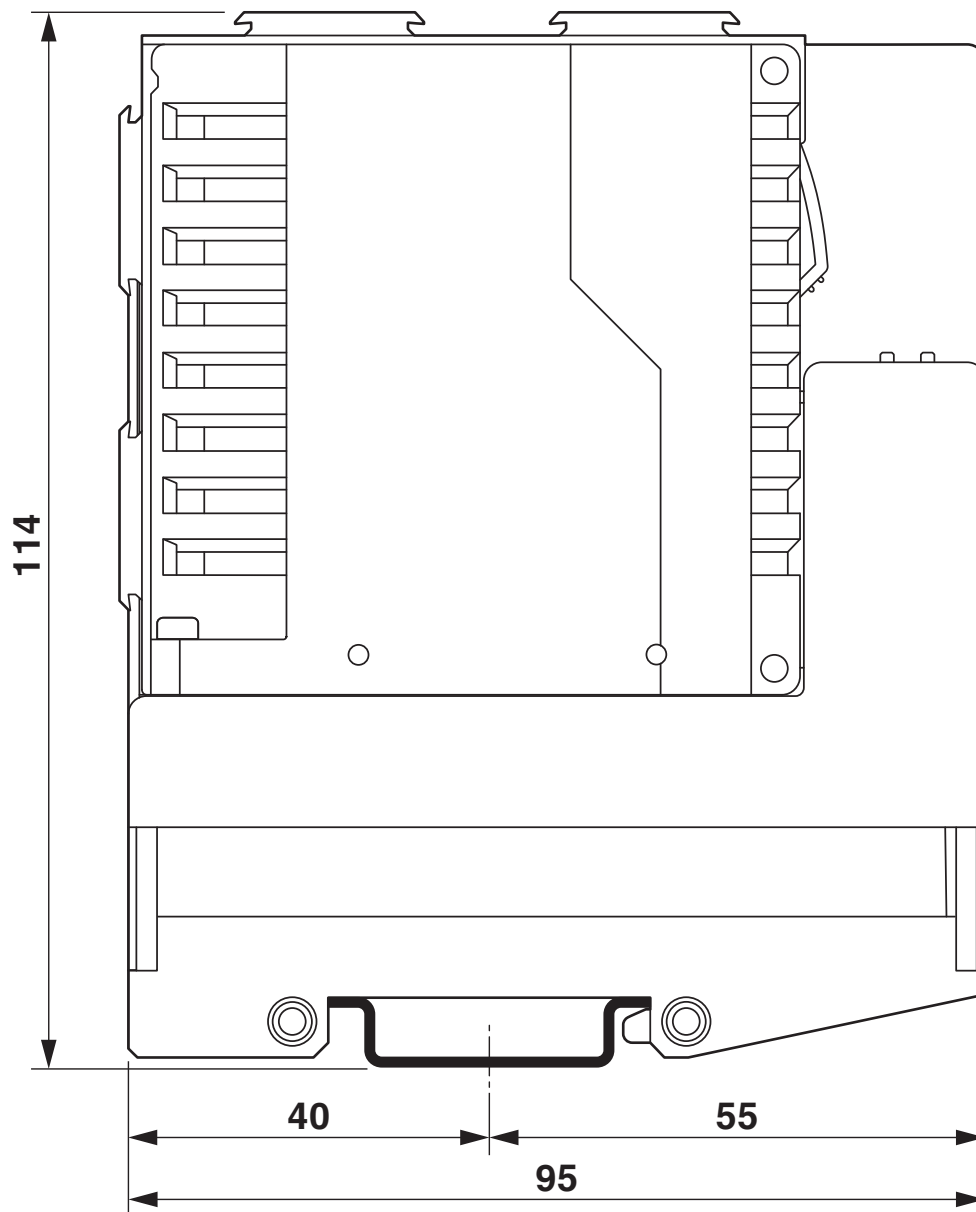


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Drawings

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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