

FL IF 2TX VS-RJ-F

Order No.: 2832344

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2832344>

Media module with two twisted-pair ports for the modular managed switch system, output towards the front


Ethernet

Product notes

WEEE/RoHS-compliant since:
07/03/2007



Commercial data

GTIN (EAN)	 4 017918 929114
sales group	K000
Pack	1 pcs.
Customs tariff	85176200
Catalog page information	Page 102 (AX-2011)

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Technical data

Interfaces

Interface 1	Ethernet
No. of ports	2
Connection method	RJ45 female connector
Transmission physics	Ethernet in RJ45 twisted pair

Transmission speed	10/100 MBit/s (connection direction forwards)
Transmission length	100 m (per segment)
Transmission speed	10/100 MBit/s (connection direction forwards)
Transmission length	100 m (per segment)

Function

Basic functions	Media module for modular managed switch
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Supply voltage

Supply voltage	(via head station)
Typical current consumption	10 mA

Conformity with EMC directives

Developed in acc. with standard	IEC 61000-6.2
Test standard	IEC 61000-4-2 (ESD)
Test result	Criterion B
Test standard	IEC 61000-4-3 (immunity to radiated interference)
Test result	Criterion A
Test standard	IEC 61000-4-4 (burst)
Test result	Criterion A
Test standard	IEC 61000-4-5 (surge)
Test result	Criterion A
Test standard	IEC 61000-4-6 (immunity to conducted interference)
Test result	Criterion A
Test standard	IEC 61000-4-8 (immunity to magnetic fields)
Test result	Criterion A
Test standard	EN 55022 (emitted interference)
Test result	Criterion A

Mechanical tests

Type of test	Shock test in acc. with IEC 60068-2-27
Test result	Operation: 25 g, 11 ms duration, semi-sinusoidal shock impulse
Type of test	Shock test in acc. with IEC 60068-2-27
Test result	Storage/Transport: 50 g, 11 ms duration, semi-sinusoidal shock impulse
Type of test	Vibration resistance in acc. with IEC 60068-2-6
Test result	Operation/Storage/Transport: 5 g, 150 Hz, Criterion 3
Type of test	Free fall in acc. with IEC 60068-2-32

Test result	1 m
Inflammability class acc. to UL 94	V0

General data

Width	31 mm
Height	75.7 mm
Depth	75.5 mm
Mounting type	In the host system
Type AX	Stand-alone
Weight	70 g
Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 55 °C (no condensation)
Ambient temperature (storage/transport)	-20 °C ... 80 °C
Permissible humidity (operation)	10 % ... 95 % (no condensation)
Permissible humidity (storage/transport)	10 % ... 95 % (no condensation)
Housing material	PA 6.6
Noise emission	EN 61000-6-3/-4
Noise immunity	EN 61000-6-2:2005

Certificates / Approvals



Certification: ABS, BV, CUL, DNV, GL, UL
 Certification Ex: CUL-EX LIS, UL-EX LIS

Accessories

Item	Designation	Description
Cable/conductor		
2832250	FL CAT5 PATCH 0,3	Patch cable, CAT5, assembled, 0.3 m
2832263	FL CAT5 PATCH 0,5	Patch cable, CAT5, assembled, 0.5 m
2832276	FL CAT5 PATCH 1,0	Patch cable, CAT5, assembled, 1.0 m
2832221	FL CAT5 PATCH 1,5	Patch cable, CAT5, assembled, 1.5 m

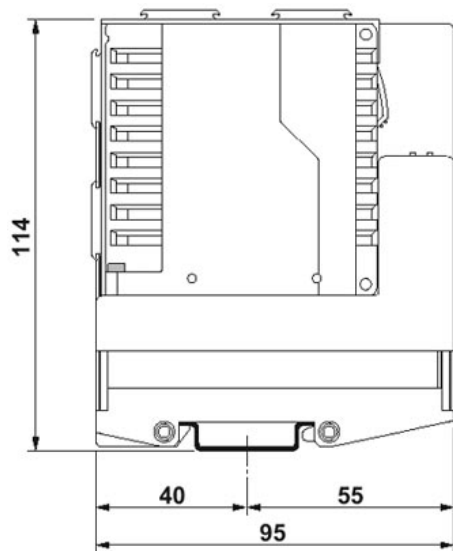
2832629	FL CAT5 PATCH 10,0	Patch cable, CAT5, assembled, 10.0 m
2832289	FL CAT5 PATCH 2,0	Patch cable, CAT5, assembled, 2.0 m
2832292	FL CAT5 PATCH 3,0	Patch cable, CAT5, assembled, 3.0 m
2832580	FL CAT5 PATCH 5,0	Patch cable, CAT5, assembled, 5.0 m
2832616	FL CAT5 PATCH 7,5	Patch cable, CAT5, assembled, 7.5 m

General

2832991	FL RJ45 PROTECT CAP	Dust protection caps for RJ45 female connector
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Diagrams/Drawings

Dimensioned drawing



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

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