

FL IF 2PSE-F

Order No.: 2832904

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2832904>

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

Ethernet

<http://www.download.phoenixcontact.com>
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Commercial data

EAN	4046356076050
Pack	1 pcs.
Customs tariff	85176200
Weight/Piece	0.1056 KG
Catalog page information	Page 217 (AX-2007)

Technical data

Interfaces

Interface	Ethernet
No. of ports	2 PoE ports
Type of connection	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)
No. of ports	2
Transmission speed	10/100 MBit/s (connection direction forwards)
Transmission length	100 m (per segment)

Function

Basic functionality	Media module for Modular Managed Switch with Power over Ethernet IEEE802.3af, Power Source Equipment (PSE)
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Supply voltage

Supply voltage	(Internal / 48 V DC for PoE)
Range of supply voltages	45.5 V DC ... 53 V DC
Typical current consumption	10 mA (Max. 900 mA)

General data

Weight	70 g
Width	31 mm
Height	84.7 mm
Depth	75.5 mm
Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 55 °C (non-condensing)
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Permissible humidity (operation)	10 % ... 95 % (non-condensing)
Housing material	PA 6.6
Electromagnetic compatibility	Conformance with EMC directive 89/336/EEC
Emitted interference	EN 61000-6-3/-4
Immunity to interference	EN 61000-6-2:2005

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

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

Certificates / Approvals



Certification	CUL, UL
Certification Ex:	CUL-EX LIS, UL-EX LIS

Accessories

Item	Designation	Description
Cable/conductor		
2744830	FL CAT5 FLEX	CAT5-SF/UTP cable (J-LI02YS(ST)C H 2 x 2 x 26 AWG), light-duty, flexible installation cable 2 x 2 x 0.14 mm ² , stranded, shielded, outer sheath: 5.75 mm ± 0.15 mm diameter
2744814	FL CAT5 HEAVY	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
Plug/Adapter		
2744571	FL PLUG RJ45 GN/2	RJ45 connector, shielded, with bend protection sleeve, 2 pieces, green for crossed cables, for assembly on site. For connections that are crossed, it is recommended that the connector set with green bend protection sleeves is used.

2744856	FL PLUG RJ45 GR/2	RJ45 connector, shielded, with bend protection sleeve, 2 pieces, gray for straight cables, for assembly on site. For connections that are not crossed, it is recommended that you use the connector set with gray bend protection sleeve.
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Sleeve housing

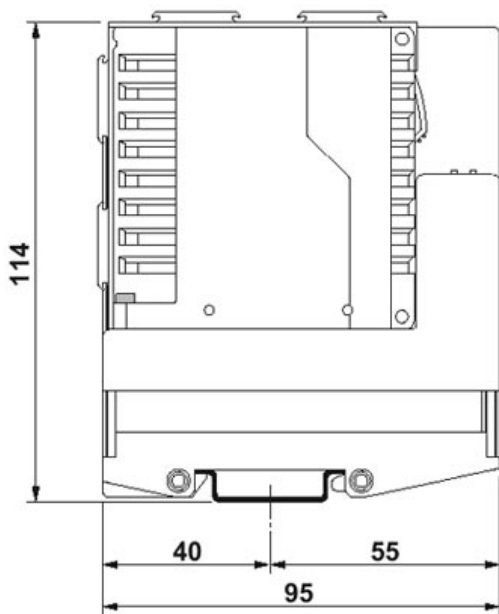
1652295	VS-08-T-G-RJ45/IP20	RJ45 sleeve housing, IP20, for pin insert VS-08-ST-RJ45, with push-pull interlocking for panel mounting frames, inverted design, for Factory Line modular managed switches, for cable cross section 5.0 mm ... 6.5 mm
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Tools

2744869	FL CRIMPTOOL	Crimping pliers, for assembling the RJ45 connectors FL PLUG RJ45..., for assembly on site
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Drawings

Dimensioned drawing



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

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