Extract from the online catalog

FL IF 2FX SC-D

Order No.: 2832425

The illustration shows a version with front connection



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2832425

FO media module for connecting 100Base-FX multimode glass fibers (1300 nm), connection direction downwards

Ethernet

Product notes

WEEE/RoHS-compliant since: 05/21/2008

http://www.download.phoenixcontact.com
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Commercial data

GTIN (EAN)	4 017918 929138
sales group	K000
Pack	1 pcs.
Customs tariff	85176200
Catalog page information	Page 189 (AX-2009)

Technical data

Interfaces

Interface	Ethernet: 100Base-FX in acc. with IEEE 802.3
No. of ports	2
Type of connection	SC connector
Transmission speed	100 MBit/s (connection direction downwards)

Transmission length	10000 m (maximum (depends on the fiber used))
Interface	Ethernet: 100Base-FX in acc. with IEEE 802.3
No. of ports	2
Type of connection	SC connector
Transmission speed	100 MBit/s
Transmission length	2800 m (glass fiber with F-G 50/125 1.6 dB/km F800)
	6400 m (glass fiber with F-G 50/125 0.7 dB/km F1200)
	3000 m (glass fiber with F-G 62.5/125 2.6 dB/km F600)
	2800 m (glass fiber with F-G 50/125 1.6 dB/km F800)

Function

Basic functions	Media module for modular managed switch

Supply voltage

Supply voltage	(via head station)
Typical current consumption	200 mA

General data

Weight	80 g
Width	31 mm
Height	75.7 mm
Depth	72.5 mm
Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 55 °C (no condensation)
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Permissible humidity (operation)	10 % ... 95 % (no condensation)
Permissible humidity (storage/transport)	10 % ... 95 % (no condensation)
Housing material	PA
Noise emission	EN 61000-6-3/-4
Noise immunity	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
Inflammability class acc. to UL 94	V0

Conformity with EMC directives

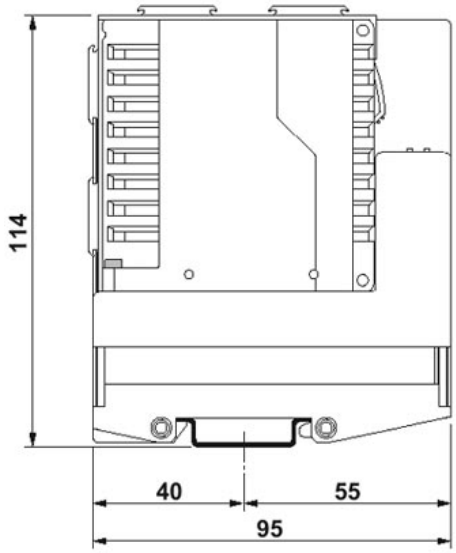
Developed in acc. with standard	IEC 61000-6.2
Test standard	IEC 61000-4-2 (ESD)
Test result	Criterion B
Test standard	IEC 61000-4-3 (immunity to radiated interference)
Test result	Criterion A
Test standard	IEC 61000-4-4 (burst)
Test result	Criterion A
Test standard	IEC 61000-4-5 (surge)
Test result	Criterion 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	ABS, BV, CUL, DNV, GL, LR, UL
Certification Ex:	CUL-EX LIS, UL-EX LIS

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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