

FL IF 2FX SM SC-D

Order No.: 2832205


The illustration shows a version with front connection

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2832205>

FO interface module for connecting single mode (monomode) glass fibers (1300 nm) to the Factoryline Modular Managed Switch, output downwards

Ethernet

Commercial data

GTIN (EAN)	 4 017918 952266
sales group	K000
Pack	1 pcs.
Customs tariff	85176200
Catalog page information	Page 102 (AX-2011)

Product notes

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



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

Interfaces

Interface 1	Ethernet: 100Base-FX in acc. with IEEE 802.3
No. of ports	2
Connection method	SC connector
Transmission speed	100 MBit/s

Transmission length	36000 m (maximum (depends on the fiber used))
Interface 2	Ethernet: 100Base-FX in acc. with IEEE 802.3
No. of ports	2
Connection method	SC connector
Transmission speed	100 MBit/s
Transmission length	36000 m (glass fiber with F-G 9/125 0.36 dB/km)
	32000 m (glass fiber with F-G 9/125 0.4 dB/km)
	26000 m (glass fiber with F-G 9/125 0.5 dB/km)
Wavelength	1300 nm
Function	
Basic functions	Media module for modular managed switch
Supply voltage	
Supply voltage	(via head station)
Typical current consumption	200 mA
General data	
Width	31 mm
Height	85 mm
Depth	72.5 mm
Mounting type	In the host system
Type AX	Fine granularity
Weight	80 g
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
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, UL
 Certification Ex: CUL-EX LIS, UL-EX LIS

Accessories

Item	Designation	Description
Cable/conductor		
2989190	FL SM PATCH 1,0 LC-SC	Assembled fiber optic cable, break-out cable, glass fiber single mode 9/125 µm, connector: LC/SC duplex, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 1 meter

2901829	FL SM PATCH 1,0 SC-SC	Assembled FO cable, break out cable, single-mode glass fiber 9/125 µm, connector: SC Duplex / SC-Duplex, protection type: IP20, for installation in cable ducts or control cabinets, length: 1 meter
2901832	FL SM PATCH 1,0 SC-ST	Assembled FO cable, break out cable, single-mode glass fiber 9/125 µm, connector: SC Duplex / B-FOC (ST), protection type: IP20, for installation in cable ducts or control cabinets, length: 1 meter
2989297	FL SM PATCH 2,0 LC-SC	Assembled fiber optic cable, break-out cable, glass fiber single mode 9/125 µm, connector: LC/SC duplex, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 2 meters
2901830	FL SM PATCH 2,0 SC-SC	Assembled FO cable, break out cable, single-mode glass fiber 9/125 µm, connector: SC Duplex / SC-Duplex, protection type: IP20, for installation in cable ducts or control cabinets, length: 2 meters
2901833	FL SM PATCH 2,0 SC-ST	Assembled FO cable, break out cable, single-mode glass fiber 9/125 µm, connector: SC Duplex / B-FOC (ST), protection type: IP20, for installation in cable ducts or control cabinets, length: 2 meters
2901827	FL SM PATCH 5,0 LC-SC	Assembled FO cable, break out cable, single-mode glass fiber 9/125 µm, connector: LC / SC Duplex, protection type: IP20, for installation in cable ducts or control cabinets, length: 5 meters
2901831	FL SM PATCH 5,0 SC-SC	Assembled FO cable, break out cable, single-mode glass fiber 9/125 µm, connector: SC Duplex / SC-Duplex protection type: IP20, for installation in cable ducts or control cabinets, length: 5 meters
2901834	FL SM PATCH 5,0 SC-ST	Assembled FO cable, break out cable, single-mode glass fiber 9/125 µm, connector: SC Duplex / B-FOC (ST), protection type: IP20, for installation in cable ducts or control cabinets, length: 5 meters

Address

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