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

The illustration shows a version with front connection

Order No.	2832205
Ord designation	FL IF 2FX SM SC-D
EAN	4017918952266
Pack	1 Pcs.
Customs tariff	85176200
Weight/Piece	0.1069 KG
Catalog page information	Page 213 (AX-2007)

► 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
Transmission length	36000 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

FL IF 2FX SM SC-D



Transmission length	36000 m (glass fiber with F-G 9/125 0.36 dB/km)
Transmission length	32000 m (glass fiber with F-G 9/125 0.4 dB/km)
Transmission length	26000 m (glass fiber with F-G 9/125 0.5 dB/km)

Function

Basic functionality	Media module for modular managed switch
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Supply voltage

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

General data

Weight	80 g
Width	31 mm
Height	85 mm
Depth	72.5 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
Electromagnetic compatibility	Conformance with EMC directive 89/336/EEC
Emitted interference	EN 61000-6-3/-4
Immunity to interference	EN 61000-6-2

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

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

▶ Drawings

Logo

Ethernet

► Address

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