

FL IF 2FX SM SC-D - Media module



2832205

<https://www.phoenixcontact.com/gb/products/2832205>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



FO interface module for connecting 100 Base-FX single mode glass fibers (1300 nm), SC, connection direction downward

Product description

For customers who wish to use this Interface module in the FL SWITCH MM HS (Item No. 2832328), please refer to the document entitled "Customer information for IF modules" in the download area for this Interface module.

Your advantages

- Robust Ethernet transmission even for medium-range environments prone to interference

Commercial data

Item number	2832205
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DNN123
Product key	DNN123
Catalog page	Page 331 (C-6-2019)
GTIN	4017918952266
Weight per piece (including packing)	107 g
Weight per piece (excluding packing)	80 g
Customs tariff number	85176200
Country of origin	DE

Technical data

Notes

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
----------	---

Product properties

Type	fine granularity
Product type	Extension module

System properties

Functionality

Basic functions	Media module for modular managed switch
-----------------	---

Electrical properties

Electrical isolation	100Base-FX // supply
Local diagnostics	LEDs at head station / extension module
Maximum power dissipation for nominal condition	21.6 W
Test voltage	2 kV AC
Transmission medium	Copper
	FO

Supply

Supply voltage	via head station
Power supply connection	From FL SWITCH GHS or FXT
Typical current consumption	200 mA

Interfaces

Ethernet: 100Base-FX in acc. with IEEE 802.3

Connection method	SC
Transmission speed	100 Mbps
Transmission length	36000 m (maximum (depends on the fiber used))
No. of channels	2

Ethernet: 100Base-FX in acc. with IEEE 802.3

Connection method	SC
Transmission speed	100 Mbps
Transmission length	36000 m (fiberglass with F-G 9/125 0.36 dB/km)
	32000 m (fiberglass with F-G 9/125 0.4 dB/km)
	26000 m (fiberglass with F-G 9/125 0.5 dB/km)
Wavelength	1300 nm
No. of channels	2 (SC single mode)

FL IF 2FX SM SC-D - Media module



2832205

<https://www.phoenixcontact.com/gb/products/2832205>

Dimensions

Width	31 mm
Height	85 mm
Depth	72.5 mm

Material specifications

Color	green
Flammability rating according to UL 94	V0
Housing material	PA

Environmental and real-life conditions

Ambient conditions

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)
Permissible humidity (storage/transport)	10 % ... 95 % (non-condensing)
Vibration (operation)	in acc. with IEC 60068-2-6: 5g, 150 Hz

EMC data

Conformance with EMC directives	IEC 61000-6-2 IEC 61000-4-2 (ESD) Criterion B
	IEC 61000-4-3 (immunity to radiated interference) Criterion A
	IEC 61000-4-4 (burst) Criterion A
	IEC 61000-4-5 (surge) Criterion A
	IEC 61000-4-6 (immunity to conducted interference) Criterion A
	IEC 61000-4-8 (immunity to magnetic fields) Criterion A
	EN 55022 (emitted interference) Criterion A
Noise immunity	EN 61000-6-2:2005
Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Noise emission	EN 61000-6-3/-4

Standards and regulations

Free from substances that could impair the application of coating	In acc. with VW specification
Electrical isolation	100Base-FX // supply

Mounting

Mounting type	In the host system
---------------	--------------------

2832205

<https://www.phoenixcontact.com/gb/products/2832205>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/2832205>



cUL Recognized
Approval ID: FILE E 140324



UL Recognized
Approval ID: FILE E 140324



cUL Listed
Approval ID: FILE E 199827



UL Listed
Approval ID: FILE E 199827

cULus Recognized

cULus Listed

FL IF 2FX SM SC-D - Media module



2832205

<https://www.phoenixcontact.com/gb/products/2832205>

Classifications

ECLASS

ECLASS-11.0	19170411
ECLASS-12.0	19170411
ECLASS-13.0	19170411

ETIM

ETIM 8.0	EC001467
----------	----------

UNSPSC

UNSPSC 21.0	43201500
-------------	----------

FL IF 2FX SM SC-D - Media module



2832205

<https://www.phoenixcontact.com/gb/products/2832205>

Environmental product compliance

China RoHS	Environmentally Friendly Use Period = 50 years For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"
------------	--

FL IF 2FX SM SC-D - Media module



2832205

<https://www.phoenixcontact.com/gb/products/2832205>

Accessories

FOC-SC:PA-SC:PA-OS2:D01/1 - FO patch cable

1115550

<https://www.phoenixcontact.com/gb/products/1115550>

Single-mode OS2 duplex jumper, SC-SC, UPC polishing, length 1 m



FOC-SC:PA-SC:PA-OS2:D01/2 - FO patch cable

1115548

<https://www.phoenixcontact.com/gb/products/1115548>

Single-mode OS2 duplex jumper, SC-SC, UPC polishing, length 2 m



FL IF 2FX SM SC-D - Media module

2832205

<https://www.phoenixcontact.com/gb/products/2832205>



FOC-ST:PA-SC:PA-OS2:D01/1 - FO patch cable

1115582

<https://www.phoenixcontact.com/gb/products/1115582>

Single-mode OS2 duplex jumper, ST-SC, UPC polishing, length 1 m



FOC-ST:PA-SC:PA-OS2:D01/2 - FO patch cable

1115581

<https://www.phoenixcontact.com/gb/products/1115581>

Single-mode OS2 duplex jumper, ST-SC, UPC polishing, length 2 m



FL IF 2FX SM SC-D - Media module

2832205

<https://www.phoenixcontact.com/gb/products/2832205>



FOC-LC:PA-SC:PA-OS2:D01/1 - FO patch cable

1115618

<https://www.phoenixcontact.com/gb/products/1115618>

Single-mode OS2 duplex jumper, LC-SC, UPC polishing, length 1 m



FOC-LC:PA-SC:PA-OS2:D01/2 - FO patch cable

1115617

<https://www.phoenixcontact.com/gb/products/1115617>

Single-mode OS2 duplex jumper, LC-SC, UPC polishing, length 2 m



FL IF 2FX SM SC-D - Media module

2832205

<https://www.phoenixcontact.com/gb/products/2832205>



ZBF 29:UNBEDRUCKT - Zack Marker strip, flat

0829003

<https://www.phoenixcontact.com/gb/products/0829003>



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 29 mm, lettering field size: 29 x 6.4 mm, Number of individual labels: 30

Phoenix Contact 2023 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT Ltd

Halesfield 13, Telford

Shropshire, TF7 4PG

01952 681700

info@phoenixcontact.co.uk