

FL SFP SX2 - Media module



2702397

<https://www.phoenixcontact.com/us/products/2702397>

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.



Gigabit SFP module for transmission up to 2 km with a wavelength of 1310 nm.

Your advantages

- MSA compliant

Commercial data

Item number	2702397
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN22
Product key	DNN613
GTIN	4055626163161
Weight per piece (including packing)	29.9 g
Weight per piece (excluding packing)	29.9 g
Customs tariff number	85176200
Country of origin	TW

FL SFP SX2 - Media module



2702397

<https://www.phoenixcontact.com/us/products/2702397>

Technical data

Dimensions

Width	13.7 mm
Height	8.95 mm
Length	56.5 mm

Notes

Note on application

Note on application	Only for industrial use
---------------------	-------------------------

Material specifications

Housing material	Metal
------------------	-------

Mounting

Mounting type	Plug-in mounting (SFP port)
---------------	-----------------------------

Interfaces

Ethernet FO

Connection method	LC
Transmission speed	1 Gbps
Transmit capacity, minimum	-15 dBm
Transmit capacity, maximum	-1 dBm
Minimum receiver sensitivity	-23 dBm
Maximum receiver sensitivity	-3 dBm
Transmission physics	multi-mode fiberglass
Transmission length	2 km (Fiberglass 50/125)
	1 km (Fiberglass 62.5/125)
Wavelength	1310 nm
Signal LEDs	depending on the Factoryline device
No. of channels	1 (LC multi-mode)
Transmit capacity, minimum	-15 dBm
Transmit capacity, maximum	-1 dBm
Minimum receiver sensitivity	-3 dBm
Maximum receiver sensitivity	-23 dBm
Transmission physics	multi-mode fiberglass

Product properties

Product type	SFP module
Type	Factoryline devices with SFP slot
MTTF	1862 Years (Telcordia SR-332, temperature factor at 40°C = 1, stress factor at 50% = 1, environmental factor = 1)
Format	SFP (Small Form-factor Pluggable)

FL SFP SX2 - Media module



2702397

<https://www.phoenixcontact.com/us/products/2702397>

Basic functions

SFP module as FO port

Signaling

Status display

via a Factoryline device

Electrical properties

Current consumption

300 mA

Maximum power dissipation for nominal condition

1 W

Transmission medium

FO

Supply

Supply voltage

3.3 V (via Factoryline switch)

Power supply connection

via SFP slot

Max. current consumption

300 mA

Current consumption

300 mA

Environmental and real-life conditions

Ambient conditions

Degree of protection

IP20

Ambient temperature (operation)

-40 °C ... 75 °C

Ambient temperature (storage/transport)

-40 °C ... 85 °C (non-condensing)

Case temperature

max. 85 °C (Operation)

Permissible humidity (operation)

5 % ... 95 %

Standards and regulations

Standard designation

Laser equipment safety

Standards/specifications

IEC 60825

FL SFP SX2 - Media module



2702397

<https://www.phoenixcontact.com/us/products/2702397>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2702397>



DNV GL

Approval ID: TAA00000YV



LR

Approval ID: LR22250919TA



NK

Approval ID: TA24215M



BV

Approval ID: 48146_B1 BV

BSH

Approval ID: Nr. 966



RINA

Approval ID: ELE014724XG001

ABS

Approval ID: 21_2066186_1_PDA



cULus Recognized

Approval ID: E140403

FL SFP SX2 - Media module



2702397

<https://www.phoenixcontact.com/us/products/2702397>

Classifications

ECLASS

ECLASS-13.0	19179090
ECLASS-15.0	19179090

ETIM

ETIM 9.0	EC000310
----------	----------

UNSPSC

UNSPSC 21.0	43222600
-------------	----------

FL SFP SX2 - Media module



2702397
<https://www.phoenixcontact.com/us/products/2702397>

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%
EF3.0 Climate Change	
CO2e kg	5.058 kg CO2e

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com