

# FL SWITCH SFN 4TX/FX ST

Order No.: 2891453



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2891453>

Ethernet switch, 4 TP RJ45 ports, 1 FO port, 100 mbps full duplex in ST-D format, automatic detection of data transmission rate of 10 or 100 mbps (RJ45), autocrossing function

## Ethernet

<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

EAN	4046356100816
Pack	1 pcs.
Customs tariff	85176200
Weight/Piece	0.4088 KG
Catalog page information	Page 223 (AX-2007)

### Technical data

#### Interfaces

Interface	Ethernet (RJ45)
No. of ports	4 RJ45 ports
Type of connection	RJ45 socket, autonegotiation and autocrossing
Transmission physics	Ethernet in RJ45 twisted pair
Transmission speed	10/100 MBit/s (RJ45)
Interface	Fiber optic interface
No. of ports	1 FO port
Type of connection	ST format
Transmission physics	Multimode glass fiber

Transmission speed	100 MBit/s (ST, full duplex)
Transmission length	2000 m (Glass fiber 50/125)
	2000 m (Glass fiber 62.5/125)

#### Function

Basic functionality	Unmanaged switch / autonegotiation, complies with IEEE 802.3, store and forward switching mode
Status and diagnostics displays	LEDs: U <sub>s</sub> , link and activity per port

#### Network extension parameters

Cascading depth	Network, line and star structure: any
Maximum conductor length ((twisted pair)	100 m

#### Supply voltage

Supply voltage	24 V DC
Residual ripple	3.6 V <sub>PP</sub> (within the permitted voltage range)
Range of supply voltages	18.5 V DC ... 30.2 V DC
Typical current consumption	140 mA

#### General data

Weight	265 g
Width	30 mm
Height	131 mm
Depth	70 mm
Degree of protection	IP20 in acc. with DIN 40050/IEC 60529
Ambient temperature (operation)	0 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Permissible humidity (operation)	10 % ... 95 % (non-condensing)
Housing material	Aluminum
Electromagnetic compatibility	Conformance with EMC directive 89/336/EEC
Emitted interference	EN 61000-6-4
Immunity to interference	EN 61000-6-2

#### Certificates / Approvals



Certification

CUL, UL

Certification Ex: CUL-EX LIS, UL-EX LIS

### Accessories

Item	Designation	Description
<b>Cable/conductor</b>		
2832250	FL CAT5 PATCH 0,3	Patch cable, CAT5, assembled, 0.3 m
2832263	FL CAT5 PATCH 0,5	Patch cable, CAT5, assembled, 0.5 m
2832276	FL CAT5 PATCH 1,0	Patch cable, CAT5, assembled, 1.0 m
2832221	FL CAT5 PATCH 1,5	Patch cable, CAT5, assembled, 1.5 m
2832629	FL CAT5 PATCH 10,0	Patch cable, CAT5, assembled, 10.0 m
2832289	FL CAT5 PATCH 2,0	Patch cable, CAT5, assembled, 2.0 m
2832292	FL CAT5 PATCH 3,0	Patch cable, CAT5, assembled, 3.0 m
2832580	FL CAT5 PATCH 5,0	Patch cable, CAT5, assembled, 5.0 m
2832616	FL CAT5 PATCH 7,5	Patch cable, CAT5, assembled, 7.5 m
<b>General</b>		
0800886	E/NS 35 N	End bracket, width: 9.5 mm, color: gray
2832991	FL RJ45 PROTECT CAP	Dust protection caps for RJ45 female connector
2832865	FL SEC PAC 4TX	Layer1 security elements for four RJ45 network connections for use with patch boxes and panels

**Drawings**

Approval logo (Ex area)

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