

# FL SWITCH SFNB 5TX


Order No.: 2891001



<http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=2891001>

Ethernet switch, 5 TP RJ45 ports, automatic detection of data transmission speed of 10 or 100 Mbps (RJ45), autocrossing function

## Commercial data

EAN	 4 046356 457163
Pack	1
Customs tariff	85176200
Gross weight in pieces	295.00 g
Country of Origin	TW
Catalog page information	Page 6 (CAT-8-2013)

## Product notes

WEEE/RoHS-compliant since:  
17/08/2011



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 at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

## Technical data

### Dimensions

Width	28 mm
Height	110 mm
Depth	70 mm

### Ambient conditions

Degree of protection	IP20
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Ambient temperature (operation)	-10 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 85 °C
Permissible humidity (operation)	5 % ... 95 % (no condensation)
Permissible humidity (storage/transport)	5 % ... 95 % (no condensation)
Air pressure (operation)	86 kPa ... 108 kPa (up to 1500 m above mean sea level)
Air pressure (storage/transport)	66 kPa ... 108 kPa (up to 3500 m above mean sea level)
Noise immunity	EN 61000-6-2

**Interfaces**

Interface 1	Ethernet (RJ45)
No. of ports	5 (RJ45 ports)
Connection method	RJ45
Note on connection method	Auto negotiation and autocrossing
Transmission physics	Ethernet in RJ45 twisted pair
Transmission speed	10/100 MBit/s

**Function**

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

**Network expansion parameters**

Cascading depth	Network, linear, 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)
Supply voltage range	12 V DC ... 48 V DC
Typical current consumption	185 mA (@24 V DC)
Max. current consumption	345 mA (@12 V C)

**General**

Mounting type	DIN rail
Type AX	Block design
Weight	205 g
Housing material	Aluminum
Noise emission	EN 61000-6-4

**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 B
Test standard	IEC 61000-4-5 (surge)
Test result	Criterion B
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**



Certification: cULus Listed

Certification Ex: cULus Listed

Certifications applied for:

**Accessories**

Item	Designation	Description
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**Assembly**

0800886	E/NS 35 N	End clamp, width: 9.5 mm, color: gray
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**Cable/conductor**

2832250	FL CAT5 PATCH 0,3	Patch cable, CAT5, assembled, 0.3 m
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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

**General**

2832991	FL RJ45 PROTECT CAP	Dust protection caps for RJ45 socket
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**Address**

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