


FL SWITCH SFNB 4TX/FX SM20

Order No.: 2891029

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Ethernet switch, 4 TP RJ45 ports, 1 FO port, 100 Mbps full duplex in SC-D format, single mode glass fiber, automatic detection of data transmission speed of 10 or 100 Mbps (RJ45), autocrossing function

Commercial data

GTIN (EAN)	
sales group	K000
Pack	1 pcs.
Catalog page information	Page 83 (AX-2011)

Product notes

WEEE/RoHS-compliant since:
10/15/2010



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Technical data

Interfaces

Interface 1	Ethernet (RJ45)
No. of ports	4 (RJ45 ports)
Connection method	RJ45 female connector, auto negotiation and autocrossing
Transmission physics	Ethernet in RJ45 twisted pair

Transmission speed	10/100 MBit/s (RJ45)
No. of ports	1 (FO port)
Connection method	SC format
Transmission physics	Single mode glass fiber
Transmission speed	100 MBit/s (SC single-mode)
Transmission length	25 km (glass fiber with F-G 9/125 0.5 dB/km)

Function

Basic functions	Unmanaged switch / autonegotiation, complies with IEEE 802.3, store and forward switching mode
Status and diagnostic indicators	LEDs: U _s , 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 _{PP} (within the permitted voltage range)
Supply voltage range	12 V DC ... 48 V DC
Typical current consumption	175 mA (@24 V DC)

General data

Width	28 mm
Height	110 mm
Depth	70 mm
Mounting type	DIN rail
Type AX	Block-oriented
Weight	205 g
Degree of protection	IP20
Ambient temperature (operation)	0 °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)
Housing material	Aluminum
Noise emission	EN 61000-6-4

Noise immunity	EN 61000-6-2
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Accessories

Item	Designation	Description
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Cable/conductor

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

General

0800886	E/NS 35 N	End clamp, width: 9.5 mm, color: gray
2832991	FL RJ45 PROTECT CAP	Dust protection caps for RJ45 female connector

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