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Extract from the online catalog

FL SWITCH SFNT 4TX/FX


Order No.: 2891004



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2891004>

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

Commercial data

GTIN (EAN)	 4 046356 457194
sales group	K000
Pack	1 pcs.
Customs tariff	85176200
Catalog page information	Page 197 (AX-2009)

<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.

Technical data

Interfaces

Interface	Ethernet (RJ45)
No. of ports	4 (RJ45 ports)
Type of connection	RJ45 female connector, auto negotiation 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	SC-Duplex

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Transmission physics	Multimode glass fiber
Transmission speed	100 MBit/s (SC-D, full duplex)
Transmission length	12.1 km (glass fiber with F-G 62.5/125 0.7 dB/km F1000)

Function

Basic functions	Unmanaged switch / autonegotiation, complies with IEEE 802.3, store and forward switching mode, includes QoS and alarm contact
Status and diagnostic indicators	LEDs: U _{S1} , U _{S2} (redundant voltage supply), link and activity per port, alarm (power and link down)

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 (redundant)
Residual ripple	3.6 V _{PP} (within the permitted voltage range)
Supply voltage range	9 V DC ... 32 V DC
Typical current consumption	180 mA (@24 V DC)
Max. current consumption	565 mA (@9 V DC)

General data

Weight	280 g
Width	30 mm
Height	130 mm
Depth	100 mm
Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 75 °C
Ambient temperature (storage/transport)	-40 °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)
Housing material	Aluminum
Noise emission	EN 61000-6-4
Noise immunity	EN 61000-6-2

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Certificates / Approvals



Certification ABS, BV, CUL, DNV, GL, LR, NK, UL

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

Accessories

Item	Designation	Description
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
2891012	FL PA SFNT 5-8	Mounting plate for SFNT switches
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

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