

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

Ethernet

Commercial data

| | |
|--------------------------|-------------------------------------------------------------------------------------|
| GTIN (EAN) |  |
| sales group | K000 |
| Pack | 1 pcs. |
| Customs tariff | 85176200 |
| Catalog page information | Page 89 (AX-2011) |

Product notes

WEEE/RoHS-compliant since:
06/23/2009



<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 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 Mbps (RJ45) |
| Interface 2 | Fiber optic interface |
| No. of ports | 1 (FO port) |
| Connection method | SC-Duplex |
| Transmission physics | Multimode glass fiber |
| Transmission speed | 100 Mbps (SC-D, full duplex) |
| Transmission length | 12.1 km (glass fiber with F-G 62.5/125 0.7 dB/km F1000) |
| | 3.3 km (glass fiber with F-G 62.5/125 2.6 dB/km F600) |
| | 7.1 km (glass fiber with F-G 50/125 0.7 dB/km F1200) |
| | 3.1 km (glass fiber with F-G 50/125 1.6 dB/km F800) |
| Wavelength | 1300 nm |
| 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 | |
| Width | 30 mm |
| Height | 130 mm |
| Depth | 100 mm |
| Mounting type | DIN rail |
| Type AX | Block-oriented |
| Weight | 280 g |
| 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 |

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 |
|---------|----------------|------------------------------------------------------------------------------------------------|

Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



© 2011 Phoenix Contact
Technical modifications reserved;