

FL SWITCH SFN 7TX/FX

Order No.: 2891097



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2891097>

Ethernet switch, 7 TP RJ45 ports, 1 FO port, 100 mbps full duplex in SC-D format, automatic detection of data transmission rate of 10 or 100 mbps (RJ45), autocrossing function

Commercial data

| | |
|--------------------------|--------------------|
| EAN | 4046356100830 |
| Pack | 1 pcs. |
| Customs tariff | 85176200 |
| Weight/Piece | 0.5191 KG |
| Catalog page information | Page 223 (AX-2007) |

Product notes

WEEE/RoHS-compliant since:
10/13/2008



<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 | 7 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 | SC-DUPLEX |
| Transmission physics | Multimode glass fiber |
| Transmission speed | 100 MBit/s (SC-D, 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 _s , 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 _{PP} (within the permitted voltage range) |
| Range of supply voltages | 18.5 V DC ... 30.2 V DC |
| Typical current consumption | Typ. 190 mA |
| General data | |
| Weight | 365 g |
| Width | 50 mm |
| Height | 120 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 |

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 / Approvals



Certification CUL, 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 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)



Address

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 00
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>



© 2009 Phoenix Contact
Technical modifications reserved;