

FL SWITCH SFN 7TX/FX ST

Order No.: 2891110

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2891110>

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

Commercial data

| | |
|--------------------------|--------------------|
| EAN | 4046356100847 |
| Pack | 1 pcs. |
| Customs tariff | 85176200 |
| Weight/Piece | 0.5178 KG |
| Catalog page information | Page 223 (AX-2007) |

Product notes

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



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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 | ST format |
| Transmission physics | Multimode glass fiber |
| Transmission speed | 100 MBit/s (ST, full duplex) |
| Transmission length | 2000 m (Glass fiber 50/125) |
| | 2000 m (Glass fiber 62.5/125) |

Function

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

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|--|---------------------------------------|
| Cascading depth | Network, line and star structure: any |
| Maximum conductor length ((twisted pair) | 100 m |

Supply voltage

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

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|---|---|
| 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 |

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

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|---------|---------------------|--|
| 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)



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