

FL SWITCH SFNB 5TX


Order No.: 2891001



<http://eshop.phoenixcontact.se/phoenix/treeViewClick.do?UID=2891001>

Ethernet switch, 5 TP RJ45 ports, automatic detection of data transmission speed of 10 or 100 Mbps (RJ45), autocrossing function

Commercial data

| | |
|--------------------------|---|
| EAN |  |
| Pack | 1 |
| Customs tariff | 85176200 |
| Product key | 11N |
| country of origin | TW |
| Catalog page information | Page 196 (AX-2009) |

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 at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Interfaces

| | |
|----------------------|--|
| Interface 1 | Ethernet (RJ45) |
| No. of ports | 5 (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) |

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

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|--|--|
| Cascading depth | Network, linear, 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) |
| Supply voltage range | 12 V DC ... 48 V DC |
| Typical current consumption | 185 mA (@24 V DC) |
| Max. current consumption | 345 mA (@12 V C) |

General data

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|--|--|
| 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) | -10 °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 |

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



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 clamp, width: 9.5 mm, color: gray |
| 2832991 | FL RJ45 PROTECT CAP | Dust protection caps for RJ45 female connector |

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