

# FL SWITCH SFN 8GT

Order No.: 2891673



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2891673>


Ethernet switch, eight TP-RJ45 ports with 10/100/1000 Mbps on all ports, automatic detection of data transmission rate of 10/100/1000 Mbps (RJ45), autocrossing function, with signaling contact and QoS, extended temperature range

## Ethernet

Commercial data	
EAN	4046356101172
Pack	1 pcs.
Customs tariff	85176200
Weight/Piece	0.543 KG
Catalog page information	Page 221 (AX-2007)

**Product notes**

WEEE/RoHS-compliant since:  
07/17/2008



<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	8 RJ45 ports
Type of connection	RJ45 socket, autonegotiation and autocrossing

Transmission physics	Ethernet in RJ45 twisted pair
Transmission speed	10/100/1000 MBit/s (RJ45)
Interface	Potential-free signaling contact
Type of connection	Plug-in/screw connection via COMBICON

#### Function

Basic functionality	Unmanaged switch / autonegotiation, complies with IEEE 802.3, store and forward switching mode
Status and diagnostics displays	LEDs: U <sub>S1</sub> , U <sub>S2</sub> (redundant voltage supply), 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 (redundant)
Residual ripple	3.6 V <sub>PP</sub> (within the permitted voltage range)
Range of supply voltages	9 V DC ... 30.2 V DC
Typical current consumption	Typ. 430 mA

#### General data

Weight	395 g
Width	50 mm
Height	120 mm
Depth	70 mm
Degree of protection	IP20 in acc. with DIN 40050/IEC 60529
Ambient temperature (operation)	-25 °C ... 60 °C (75°C in preparation)
Ambient temperature (storage/transport)	-35 °C ... 85 °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

#### Certificates / Approvals



Certification CUL, UL

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

### Accessories

Item	Designation	Description
<b>Cable/conductor</b>		
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
<b>General</b>		
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;