

**FL SWITCH SF...** unmanaged switches have a wide variety of port configurations in a low-profile, metal housing for general-purpose applications.

- Up to 16 ports in a low-profile, metal housing with redundant power supply
- Optional SC and ST fiber optic ports
- RJ45 ports provide 10/100 Mbps speeds; fiber optic ports operate at 100 Mbps
- Auto Negotiation and autocross recognition provide easy installation and setup
- LED indicators provide local diagnostics
- Relay contact provides power status alarming
- Cable locking security options

## Ethernet



8/16 RJ45 ports



<b>Ethernet interface</b>	
Number of ports	
Transmission speed	
<b>Fiber optic interface</b>	
Number of ports	
Transmission speed	
Wavelength	
Transmission length	
<b>Other connections</b>	
Potential-free signaling contact	
<b>Function</b>	
Basic functions	
<b>Status and diagnostics indicators</b>	
<b>Power supply</b>	
Supply voltage	
Residual ripple	
Supply voltage range	
Typical current consumption	
<b>General data</b>	
Dimensions	W / H / D
Degree of protection	
Ambient temperature (operation)	
Permissible humidity (operation)	
EMC note	
Noise emission	
Noise immunity	

Technical data	
FL SWITCH SF 8TX	FL SWITCH SF 16TX
8 (RJ45 ports)	16 (RJ45 ports)
10/100 Mbps	
-	
-	
-	
-	
Plug-in/screw connection via COMBICON	
Unmanaged switch / auto negotiation, complies with IEEE 802.3, store-and-forward switching mode	
LEDs: U <sub>S1</sub> , U <sub>S2</sub> (redundant voltage supply), link and activity per port	
24 V DC (redundant)	
3.6 V <sub>pp</sub>	
18.5 V DC ... 30.2 V DC	
typ. 200 mA (at U <sub>S</sub> = 24 V DC)	typ. 300 mA (at U <sub>S</sub> = 24 V DC)
135 mm / 94.3 mm / 30 mm	
205 mm / 94.3 mm / 30 mm	
IP20	
0 °C ... 55 °C	
5 % ... 95 % (non-condensing)	
Class A product, see page 527	
EN 61000-6-4	
EN 61000-6-2:2005	

<b>Description</b>
<b>Ethernet switch</b>
- 8 RJ45 ports
- 16 RJ45 ports
- 7 RJ45 ports, 1 SC FO port
- 7 RJ45 ports, 1 ST FO port
- 15 RJ45 ports, 1 SC FO port
- 6 RJ45 ports, 2 SC FO ports
- 6 RJ45 ports, 2 ST FO ports
- 14 RJ45 ports, 2 SC FO ports
- 4 RJ45 ports, 3 ST FO ports

Ordering data		
Type	Order No.	Pcs. / Pkt.
<b>FL SWITCH SF 8TX</b>	<b>2832771</b>	1
<b>FL SWITCH SF 16TX</b>	<b>2832849</b>	1