



The 852-103 Industrial Switch is an 8-port 10/100Base-TX with dual SFP 100Base-FX port (SFP modules are optional) ETHERNET switch. The switch has a rugged housing, a redundant power supply and function monitoring with relay, making it ideal for a wide range of applications.

Features:

- Redundant DC power supply
- Large supply voltage range: 9 V ... 48 V
- DIP switch enables alarm functions
- Full compliance with IEEE802.3, 802.3u standards
- Non-blocking, store-and-forward switching
- Auto-negotiation on all 10/100Base-TX ports
- Auto-MDI/MDIX (crossover) on all 10/100Base-TX ports

Description	Item No.	Pack. Unit
8/2 Port 100BASE-TX/FX Industrial Switch	852-103	1
8/2 Port 100BASE-TX/FX Industrial Switch T (Operating temperature -40 °C ... +70 °C)	852-103/040-000	1
Accessories		
SFP Module 2: 1310nm, 100Base-FX Multi-mode LC, 2 km	852-201/107-002	
SFP Module 30: 1310nm, 100Base-FX Single-mode LC, 30 km	852-201/107-030	
SFP Module 2 T: 1310nm, 100Base-FX, Multi-mode, LC, 2 km, (Operating temperature -40 °C ... +70 °C)	852-201/040-002	
Approvals		
Conformity marking	CE	
UL 508	to 60 °C (852-103/040-000) (Approvals for product variations upon request)	

Technical Data	
Ports	8 x 10/100Base-TX (RJ-45); 2 x SFP 100Base-FX Fiber
Standards	IEEE 802.3u 100Base-TX/FX; IEEE 802.3 10Base-T
Throughputs	14,880/148,800 packets per second (pps) to 10/100 Mbps ports
Wavelength (optical fibers)	depend on SFP module
Maximum length	10/100Base-TX: 100 m; Fiber optic: up to 30 km
Supply voltage	9 V ... 48 V DC (line length < 3 m)
Energy consumption max.	6.08 W
Energy consumption typ. (24 V)	5.76 W
Operating temperature	0 °C ... +60 °C (852-103) -40 °C ... +70 °C (852-103/040-000)
Storage temperature	-20 °C ... +80 °C (852-103) -40 °C ... +85 °C (852-103/040-000)
Relative air humidity (no condensation)	95 %
Dimensions (mm) W x H x L	50 x 123 x 162 Height from upper-edge of DIN 35 rail
Weight	922 g
Vibration resistance	acc. to IEC 60068-2-6
Shock resistance	acc. to IEC 60068-2-27
Degree of protection	IP30
EMC CE-Immunity to interference	acc. to EN 61000-6-2 (2005)
EMC CE-Emission of interference	acc. to EN 61000-6-4 (2007)