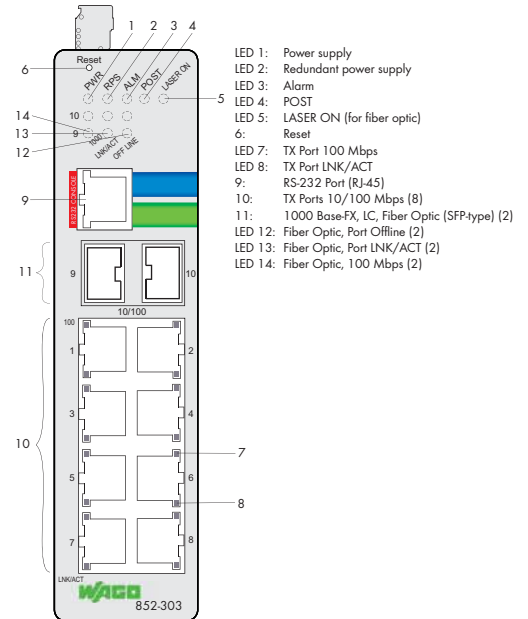


8-Port 100Base-TX + 2-Slot 1000Base-SX/LX Industrial Managed Switch



The 852-303 Industrial Managed Switch is an 8-port 10/100Base-TX and 2-port SFP 1000Base-SX/LX (optional SFP modules) configurable ETHERNET switch.

The switch has a rugged housing, redundant power supply and function monitoring with a relay. These functions, along with extensive ETHERNET switch options, make it ideal for a wide range of applications.

Features:

- Web-based/SNMP management
- Redundant DC power supply
- Wide supply voltage range: 12–60 VDC
- DIP switches to set alarm functions

- Full compliance with IEEE802.3, 802.3u, 802.3z, 802.3x, 802.3ad, 802.3ab, 802.1d, 802.1q, 802.1p, 802.1w, 802.1x standards
- Xpress Ring (redundant ring, recovery < 50 ms)
- Non-blocking, store-and-forward switching, rapid spanning tree protocol (RSTP)
- Autonegotiation at all 10/100Base-TX ports
- Auto-MDI/MDIX (crossover) at all 10/100Base-TX ports
- VLAN (802.1q) VID
- IGMP snooping for multicast filtering
- Port configuration, status, statistics
- Port trunking
- SNMP v1/v2 and RMON

Description	Item No.	Pack. Unit
8/2-Port 100Base-TX/1000Base-SX/LX Industrial Managed Switch	852-303	1
Accessories	Item No.	
SFP Module: 850 nm, 1000Base-SX, Multi-mode, DDM, LC, -40 °C ... +85 °C, 0.55 km	852-1200	
SFP Module: 1310 nm, 1000Base-LX, Single-mode, DDM, LC, -40 °C ... +85 °C, 10 km	852-1210	
SFP Module: 1550 nm, 1000Base-ZX, Single-mode, DDM, LC, -40 °C ... +85 °C, 80 km	852-1280	
SFP Module 2 T: 1310nm, 1000Base-FX, Multi-mode, LC, 2 km, (Extended temperature range: -40 °C ... +70 °C)	852-201/040-002	
Approvals		
Conformity marking	CE	
Marine applications	DNV GL	
Ⓢ 61010-2-201	applied for	
Technical Data		
Operating temperature	-40°C ... +70°C	
	DNV: -25°C ... +70°C	
Storage temperature	-40 °C ... +80 °C	
Relative air humidity (no condensation)	95 %	
Dimensions (mm) W x H x L	50 x 120 x 162	
	Height from upper-edge of DIN 35 rail	
Weight	910 g	
Vibration resistance	acc. to IEC 60068-2-6	
Shock resistance	acc. to IEC 60068-2-27	
Degree of protection	IP30	
EMC immunity of interference	acc. to EN 61000-6-2	
EMC emission of interference	acc. to EN 61000-6-4	

Technical Data	
Ports	8 x 10/100Base-TX (RJ-45); 2 x SFP 1000Base-SX/LX, fiber optic; 1 x RS-232 (RJ-45)
Standards	IEEE 802.3u 100Base-TX/FX; IEEE 802.3ad Link Aggregation; IEEE 802.3 10Base-T; IEEE 802.1d Spanning Tree Protocol; IEEE 802.3x Flow Control; IEEE 802.1p CoS Prioritization; IEEE 802.1q VLAN Tagging; IEEE 802.3ab LLDP; IEEE 802.3w Rapid Spanning Tree Protocol; IEEE 802.3z 1000Base-SX/LX; IEEE 802.1x Port Authentication
MAC table	Up to 16,000 addresses
VLANs	Port- and tag-based (64 VIDs)
Jumbo frame size	10240 bytes
Wavelength (optical fibers)	Depends on SFP module
Maximum length	10/100Base-TX: 100 m; Fiber optic: up to 30 km;
	RS-232: 15 m
Supply voltage	12 ... 60 VDC (line length < 3 m)
Energy consumption max.	12 W