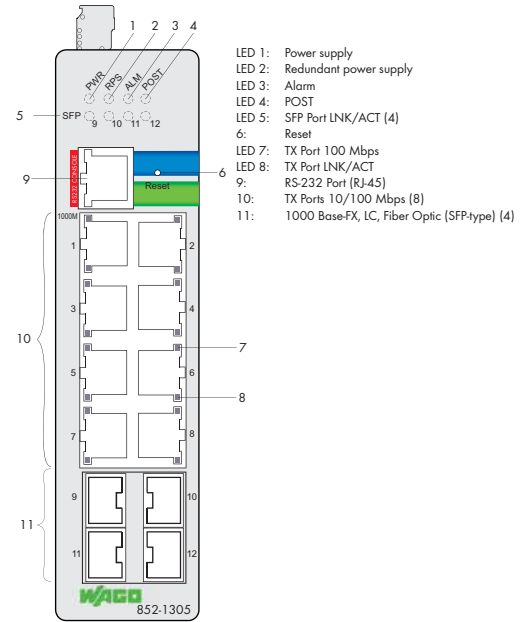


8-Port 1000Base-T + 4-Slot 1000Base-SX/LX Industrial Managed Switch



The 852-1305 Industrial Managed Switch is an 8-port 10/100/1000Base-T and 4-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 10/100/1000Base-T ports
- Auto-MDI/MDIX (crossover) at all 10/100/1000Base-T 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
8/4-Port 1000Base-T/1000Base-SX/LX Industrial Managed Switch	852-1305	1
Accessories		
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	
Approvals		
Conformity marking	CE	
61010-2-201	applied for	
Shipbuilding	DNV	
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 10/100/1000Base-T (RJ-45); 4 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 802.3ab 1000Base-T; 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	10/100/1000Base-T: 100 m; Fiber optic: up to 30 km; RS-232: 15 m
Supply voltage	12 ... 60 VDC (line length < 3 m)
Energy consumption max.	18 W