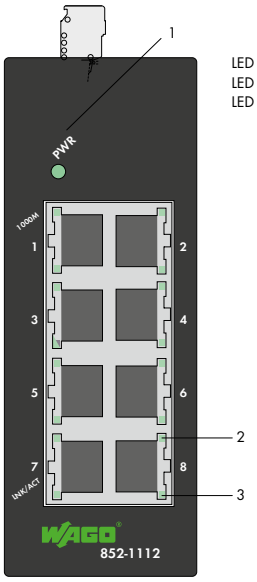
8-Port 1000Base-T Industrial Eco Switch



The 852-1112 is a 8-port 1000Base-T industrial ETHERNET switch supporting Auto-Negotiation and Auto-MDI-/MDI-X detection for each port.
Using the switch's 8 ports, several segments can be created to reduce the network load, while providing a dedicated bandwidth to each user node.
The 852-1112 Switch is a cost-effect solution to keep up with the constant demands of IP-based, industrial communication needs.
The switch is easy to configure and install and is best suited for small to medium-sized networks.

Features:
- 8 ETHERNET Ports, 10/100/1000 Mbps autonegotiation
- Front-panel diagnostic LEDs
- Supports Auto-MDI/MDI-X functions
- Full/half-duplex transfer modes for each port
- Store-and-forward switching method
- Integrated address look-up table, supports 8,000 absolute MAC addresses
- Overvoltage protection
- IEEE 802.3x flow control in full-duplex mode
- Prioritization of Profinet Ethernet Frame (EtherType=0x8892) according to IEEE802.1p
- DIN-35 rail mounting

Description	Item No.	Pack. Unit
8-Port 1000Base-T Industrial Eco Switch	**852-1112**	1

Approvals	
Conformity marking	CE
61010-2-201	applied for

Technical Data	
Ports	8 x 10/100/1000Base-T (RJ-45)
Standards	IEEE 802.3 10Base-T;
	IEEE 802.3u 100Base-TX/FX;
	IEEE 802.3ab 1000Base-T;
	IEEE 802.3x Flow Control;
	IEEE 802.3az Energy Efficient Ethernet;
	IEEE 802.1p Class of Service,
	Profinet CC-A
Topology	Star
Jumbo Frame Size	9216 Byte
LED	Each device:
	1 x Power (PWR), green;
	Each port:
	1 x 1,000 Mbps, green;
	1 x LNK/ACT, green
Supply voltage	9 … 57 V DC
Energy consumption max.	6 W
Operating temperature	0 … +60 °C
Storage temperature	-40 … +80 °C
Relative air humidity	
(no condensation)	95 %
Dimensions (mm) W x H x L	46 x 99.6 x 116
	Height from upper-edge of DIN 35 rail
Fixing	DIN 35 rail
Weight	472 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