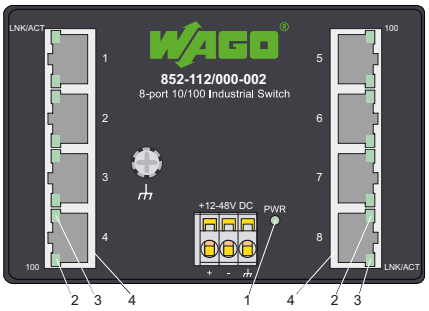
Industrial ECO Switch, 8 Ports 100BASE-TX



LED 1: Power supply
LED 2: TX port 100 Mbit/s
LED 3: LNK/ACT
4: 8 x RJ-45
(10/100BASE-TX ports)

The 852-112/000-002 switch is an industrial unmanaged ETHERNET switch with 8 10/1000Base-TX ports. The ports of the industrial switch allow multiple segments to be formed to reduce network congestion, and each user node can be assigned its own bandwidth.
The slim design with DIN rail adapter allows easy installation in the control cabinet with high vibration and shock resistance. The automatic recognition of the transmission rate (autonegotiation) as well as the automatic determination of the transmit and receive lines (Auto MDI-X) enable simple plug & play operation and thus help to save costs and time during commissioning.

Features:
- 8 ETHERNET ports, 10/100 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 8000 absolute MAC addresses
- Overvoltage protection
- IEEE 802.3x flow control in full-duplex mode
- Prioritization of PROFINET data packets (EtherType=0x8892) according to IEEE802.1p
- DIN-35 rail mounting

Description	Item No.	Pack. Unit
Industrial-ECO-Switch; 8-Port 100BASE-TX	**852-112/000-002**	1

Approvals

Conformity marking	CE
E175199 Ordinary Locations	

Technical Data	
Switching mode	Store-and-forward; non-blocking
Ports	8 x 10/100BASE-TX (RJ-45)
Communication standards	IEEE 802.3 10BASE-T;
	IEEE 802.3u 100BASE-TX;
	IEEE 802.3x Flow Control
	IEEE 802.1p Prioritization
Topology	Star
LED	each device:
	1 x Power (PWR), green;
	each port:
	1 x 100 Mbit/s, green;
	1 x LNK/ACT green
Supply voltage	12 V … 48 VDC
Power consumption, max.	4 W
Surrounding air temperature (operation)	-40 … +70 °C
Surrounding air temperature (storage)	-40 … +85 °C
Relative humidity (without condensation)	95 %
Dimensions (mm) W x H x D	109.2 x 73.8 x 32
	Depth from upper-edge of DIN-rail
Mounting	TS 35
Weight	415 g
Vibration resistance	Per IEC 60068-2-6
Shock resistance	Per IEC 60068-2-27
Protection type	IP30
EMC immunity to interference	Per EN 61000-6-2
EMC emission of interference	Per EN 61000-6-4