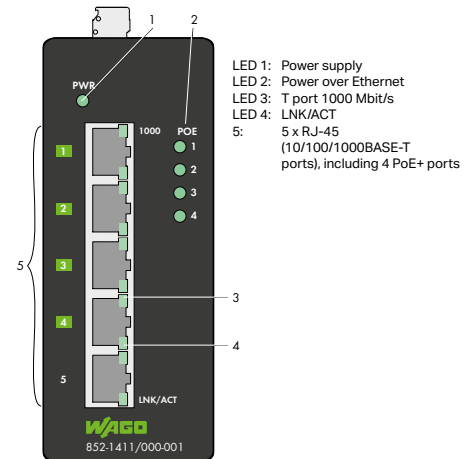


Industrial ECO Switch; 5 Ports 1000BASE-T; Extended Temperature Range; 4 * Power over Ethernet



The 852-1411/000-001 Industrial ECO Switch is a 5-port 1000BASE-T ETHERNET switch, of which four ports support Power over Ethernet (PoE+) up to 30 W. These four PoE+ ports can be used simultaneously for power supply. The integrated voltage transformer enables operation on the 24 VDC power supplies common in the control cabinet.

In addition to the reduced wiring effort, a separate power supply for the PoE supply can be saved.

The switch can be easily integrated into the control cabinet via DIN-rail mounting. It is particularly well suited to small and medium networks.

Features:

- 5 ETHERNET ports, 10/100/1000 Mbit/s, autonegotiation
- 4 PoE+ ports (IEEE 802.3at)
- 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 up to 8,000 absolute MAC addresses
- Overvoltage protection
- IEEE 802.3x flow control in full-duplex mode
- LED indicator for PoE diagnostics
- For DIN-35 rail

Description	Item No.	Pack. Unit
Industrial ECO Switch; 5Port Gb; T; 4PoE	852-1411/000-001	1
Approvals		
Conformity marking	CE	
• E175199 Ordinary Locations		
FC	FCC approval (This device complies with part 15 subpart B, class A of the FCC rules)	
Technical Data		
Surrounding air temperature (operation)	-40 ... +70 °C acc. to CE; -10 ... +60 °C acc. to UL 61010	
Note UL rating for PoE Budget	at Power supply ≥ 48 V DC and 120 Watt PoE Budget or < 48 V DC and 60 Watt PoE Budget	
Surrounding air temperature (storage)	-40 ... +80 °C	
Relative humidity (without condensation)	10 ... 95 %	
Dimensions (mm) W x H x D	50 x 115 x 104 Depth from upper-edge of DIN-rail	
Mounting	DIN-35 rail	
Weight	550 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	

Technical Data	
Number of ports (copper)	5 x 10/100/1000Base-T (RJ-45)
Communication standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3x Flow Control IEEE 802.3af Power over Ethernet (PoE) IEEE 802.3at High Power over Ethernet (PoE+) IEEE 802.1p Prioritization
MAC table	Up to 8000 addresses
Jumbo frame size	10 KB
LED	Each device: 1 x Power (PWR), green; 4 x PoE, green Each port: 1 x 1000 Mbit/s, green; 1 x LNK/ACT green blinking
Power supply	24 ... 57 VDC
Power consumption (max.)	13 W; 133 W with 4 PoE