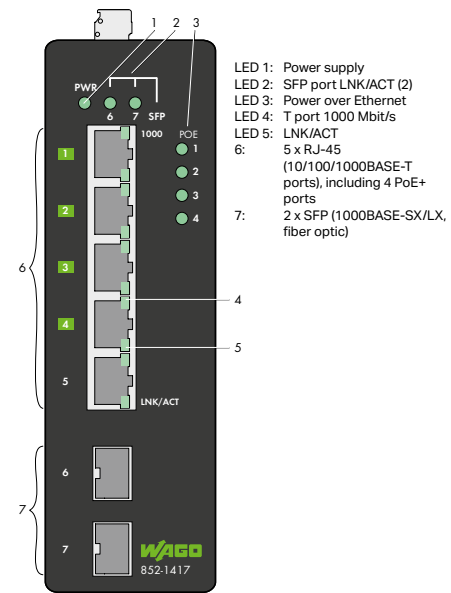


Industrial ECO Switch; 5 Ports 1000BASE-T; 2 Slots 1000BASE-SX/LX Extended Temperature Range; 4 * Power over Ethernet



The 852-1417 Industrial ETHERNET Switch features five 1000BASE-T ports, of which four ports support Power over Ethernet (PoE+) with 30 W, and has two SFP-1000BASE-SX / LX ports (SFP modules are available as an option). 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 configured and integrated into the control cabinet via DIN-rail mounting. It is ideal for small and medium networks, but also offers the integration into extensive networks through its SFP slots.

Features:

- 5 ETHERNET ports, 10/100/1000 Mbit/s, autonegotiation
- 4 PoE+ ports (IEEE 802.3at)
- 2 SFP slots, 1000 Mbit/s
- 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 8000 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
- For DIN-35 rail

Description	Item No.	Pack. Unit
Industrial ECO Switch; 5Port Gb; 2Slot 1000BASE-SX/LX; EXT; 4PoE	852-1417	1
Accessories	Item No.	
SFP Module: 850 nm, 1000BASE-SX, Multi-Mode, DDM, LC, -40 ... +85 °C, 0.55 km,	852-1200	
SFP Module: 1310 nm, 1000BASE-LX, Single-Mode, DDM, LC, -40 ... +85 °C, 10 km	852-1210	
SFP Module: 1550 nm, 1000BASE-ZX, Single-Mode, DDM, LC, -40 ... +85 °C, 80 km	852-1280	
Approvals		
Conformity marking	CE	
61010-2-201	pending	
Technical Data		
Surrounding air temperature (operation)	-40 ... +70 °C	
Surrounding air temperature (storage)	-40 ... +80 °C	
Relative humidity (without condensation)	95 %	
Dimensions (mm) W x H x D	50 x 120 x 160	
	Height from upper-edge of DIN-rail	
Mounting	DIN-35 rail	
Weight	830 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)
Number of ports, FOC	2 x 1000BASE-SX/LX (SFP)
Communication standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX/FX IEEE 802.3ab 1000BASE-T IEEE 802.3z 1000BASE-SX/LX IEEE 802.3x Flow Control IEEE 802.3af Power over Ethernet (PoE) IEEE 802.3at High Power over Ethernet (PoE+) IEEE 802.1p Prioritization
Topology	Star
MAC table	Up to 8000 addresses
Jumbo frame size	10 KB
LED	Each device: 1x Power (PWR), green; 4 x PoE, green Each port: 1 x 1000 Mbit/s, green; 1 x LNK/ACT green
Power supply	24 ... 57 VDC
Power consumption (max.)	14 W; 134 W with 4 PoE