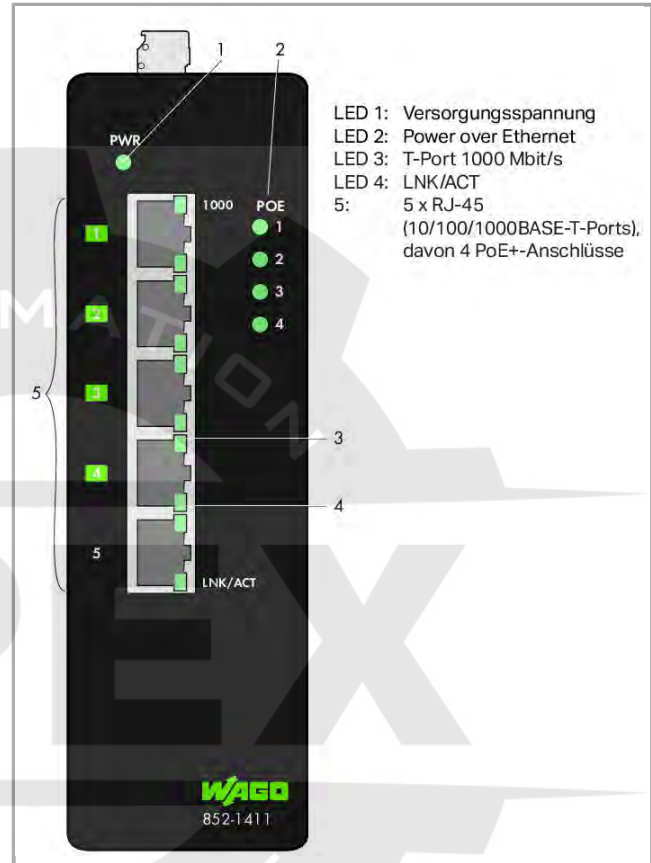


Data sheet | Item number: 852-1411

Industrial-ECO-Switch; 5-port 1000Base-T; Extended temperature range; 4 *
Power over Ethernet; black



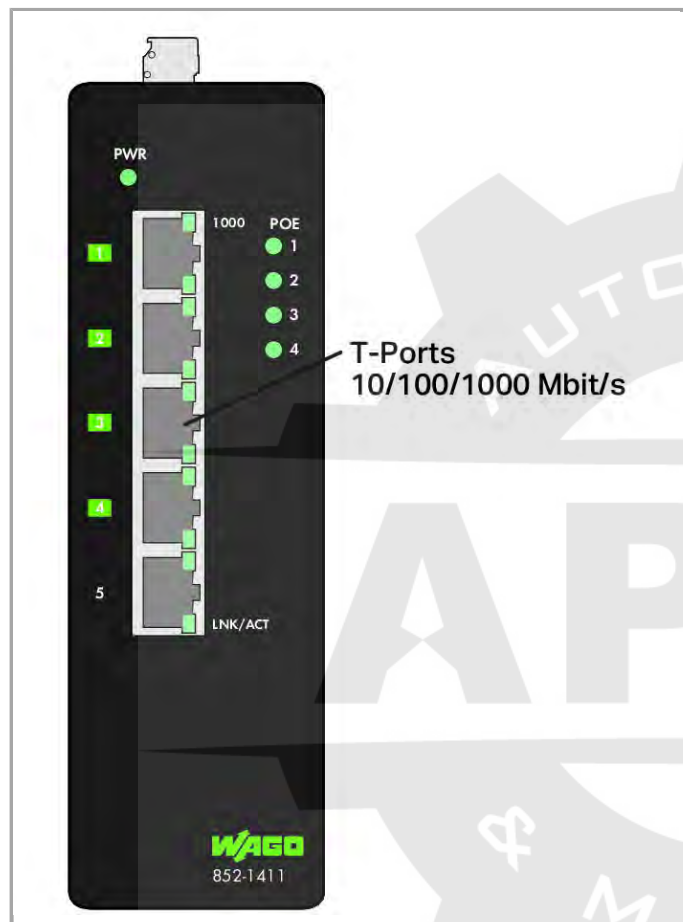
852-1411



RoHS ✓
Compliant

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Color: ■



Item description

The 852-1411 Industrial ECO Switch is a 5-port 1000BASE-T ETHERNET switch, of which four ports support Power over Ethernet (PoE+) at 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 configured and 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
- Prioritization of Profinet Ethernet Frame (EtherType=0x8892) according to IEEE802.1p
- For DIN-35 rail

Data

Technical Data

Number of 1000Base-T ports	5
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 (large)	8000 addresses
Jumbo frame size	10000 Byte
Supply voltage	DC 24 – 57 V
Energy consumption max.	133 W
Baud rate	Copper cable: 10/1000 Mbit/s
Transmission medium (communication/fieldbus)	Copper cable: Cat. 5e or higher, max. line length: 100 m
Topology	Star
Indicators	Gerät: LED (PWR) grün: Versorgungsspannung; LED (PoE 1 – 4) grün: Power over Ethernet; pro Port: LED (1000, LNK/ACT) grün: Status 1000 Mbit/s, LNK/ACT Port 1 – 5

Connection data

Connection technology: communication/fieldbus	Copper cable: 5 x RJ-45
Anschluss technik: Versorgung	1 x im Gerät verbaute Stiftheiste: 231-432/001-000; mitgelieferte Federleiste (Steckverbinder MCS): 2231-102/026-000

Geometrical Data

Width	50 mm / 1.969 inch
Height from upper-edge of DIN-35 rail	120 mm / 4.724 inch
Depth	160 mm / 6.299 inch

Mechanical data

Weight	520 g
Color	black
Housing material	Sheet steel

Conformity marking

CE

Environmental Requirements

Surrounding air (operating) temperature	-40 70 °C
Surrounding air (storage) temperature	-40 80 °C
Protection class	IP30
Relative air humidity (no condensation)	95 %
Type of mounting	DIN-35 rail
Vibration resistance	acc. to IEC 60068-2-6
Shock resistance	acc. to IEC 60068-2-27
EMC immunity to interference	acc. to EN 61000-6-2
EMC emission of interference	acc. to EN 61000-6-4

Commercial data

Country of origin	TW
GTIN	4055143727167
Customs Tariff No.	85176200000

Compatible products

power supply

	Item no.: 787-1226 Switched-mode power supply; Compact; 1-phase; 24 VDC output voltage; 6 A output current	787-1226
	Item no.: 787-1633 Switched-mode power supply; Classic; 1-phase; 48 VDC output voltage; 5 A output current; TopBoost; DC OK contact	787-1633
	Item no.: 787-1635 Switched-mode power supply; Classic; 1-phase; 48 VDC output voltage; 10 A output current; TopBoost; DC OK contact	787-1635
	Item no.: 787-1722 Switched-mode power supply; Eco; 1-phase; 24 VDC output voltage; 5 A output current	787-1722

transfer module

	Item no.: 289-195 Interface module; RJ-45; IDC technology; Cat. 6; in mounting carrier; with shield connection	289-195
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wiring and connectors

	Item no.: 750-976 PROFINET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly	750-976
	Item no.: 750-977/000-011 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22	750-977 /000-011

	Item no.: 750-977/000-012 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22	750-977 /000-012
	Item no.: 750-977/000-013 Connector PROFINET; RJ-45; Cat. 6A; straight; AWG 22	750-977 /000-013
	Item no.: 750-977/000-021 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24	750-977 /000-021
	Item no.: 750-977/000-022 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24	750-977 /000-022
	Item no.: 750-978/000-011 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22; Strain relief	750-978 /000-011
	Item no.: 750-978/000-012 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22; Strain relief	750-978 /000-012
	Item no.: 750-978/000-013 Connector PROFINET; RJ-45; Cat. 6A; straight; AWG 22; Strain relief	750-978 /000-013
	Item no.: 750-978/000-021 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24; Strain relief	750-978 /000-021
	Item no.: 750-978/000-022 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24; Strain relief	750-978 /000-022
	Item no.: 750-979/000-011 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 22; Strain relief	750-979 /000-011
	Item no.: 750-979/000-012 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 22; Strain relief	750-979 /000-012
	Item no.: 750-979/000-013 Connector PROFINET; RJ-45; Cat. 6A; angled; AWG 22; Strain relief	750-979 /000-013
	Item no.: 750-979/000-021 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 24; Strain relief	750-979 /000-021
	Item no.: 750-979/000-022 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 24; Strain relief	750-979 /000-022

Downloads

Documentation

Manual

Industrial ECO Switch; 5Port Gb; EXT; 4PoE	V 1.1.0	pdf	Download
Industrial Eco Switch, 5 Ports 1000BASE-T, extended Temperature Range, 4 * Power over Ethernet		1.2 MB	

Bid Text

852-1411		doc	Download
		30.2 kB	

Instruction Leaflet

Gebrauchs- und Montageanleitung 852-1411	V 1.0.0	pdf	Download
Industrial-ETHERNET-Switch		738.6 kB	

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf	Download
		265.8 kB	

System Description

Industrial Switches – General Product Information		pdf	Download
		2.0 MB	

CAD/CAE - Smart Data

CAD data

3D Download 852-1411		URL	Download
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Subject to changes.