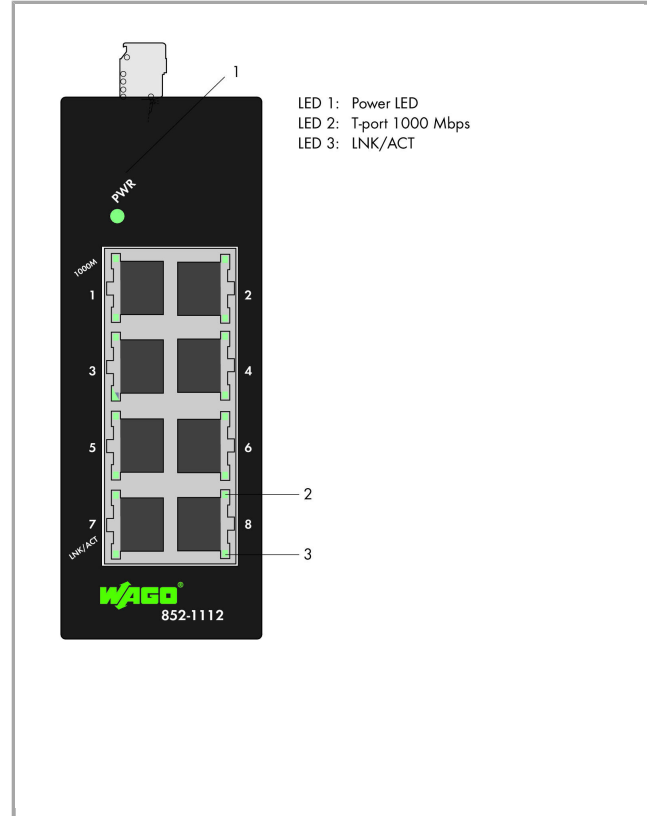


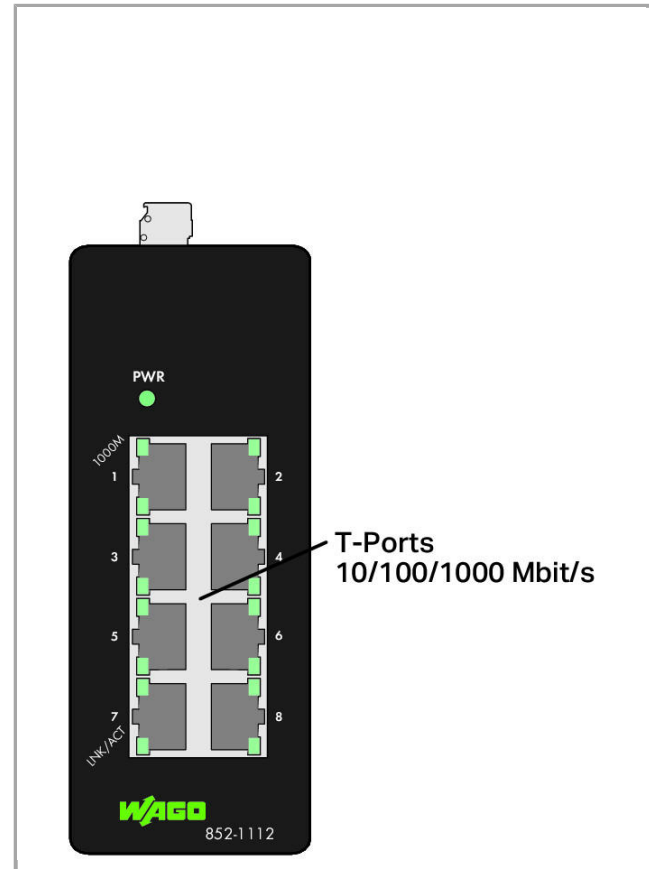
852-1112



RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color:



Item description

The 852-1112 is an 8-port, 1000Base-T industrial ETHERNET switch supporting Auto-Negotiation and Auto-MDI-/MDI-X detection for each port.

Using the switch's eight ports, several segments can be created to reduce the network load, while providing a dedicated bandwidth to each user node. The 852-1112 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 Auto-Negotiation
- 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
- 35 mm DIN rail mounting

Data

Technical Data

Switchingmodus	Store-and-forward, non-blocking
Number of 1000Base-T ports	8
Communication standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3x Flow Control IEEE 802.3az Energy Efficient Ethernet IEEE 802.1p Prioritization
MAC table (large)	8000 addresses
Jumbo frame size	9000 Byte
Supply voltage	DC 9 ... 57 V
Energy consumption max.	6 W
Baud rate	Copper cable: 10/1,000 Mbit/s
Transmission medium (communication/fieldbus)	Copper cable: Cat. 5e oder besser, 100 m maximale Leitungslänge
Topology	Star
Indicators	Device: LED (PWR) green: Power supply; per port: LED (1000, LNK /ACT) green: status 1000 Mbps, LNK/ACT port 1 ... 8

Connection data

Connection technology: communication/fieldbus	Copper cable: 8 x RJ-45
Anschluss technik: Versorgung	1 x im Gerät verbaute Stiftheleiste: 231-432/001-000; mitgelieferte Federleiste (Steckverbinder MCS): 2231-102/026-000

Geometrical Data

Width	46 mm / 1.811 inch
Height from upper-edge of DIN-35 rail	99.6 mm / 3.921 inch
Depth	116 mm / 4.567 inch

Mechanical data

Weight	487 g
Housing material	Sheet steel
Conformity marking	1

Environmental Requirements








Surrounding air (operating) temperature	0 ... 60 °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	4055143500180
Customs Tariff No.	85176200000

Compatible products
















power supply

	Item no.: 787-1102 Switched-mode power supply; Compact; 1-phase; 24 VDC output voltage; 1.3 A output current; DC OK signal	787-1102
	Item no.: 787-1112 Switched-mode power supply; Compact; 1-phase; 24 VDC output voltage; 2.5 A output current; DC OK signal	787-1112
	Item no.: 787-1122 Switched-mode power supply; Compact; 1-phase; 24 VDC output voltage; 4 A output current; DC OK signal	787-1122
	Item no.: 787-1226 Switched-mode power supply; Compact; 1-phase; 24 VDC output voltage; 6 A output current	787-1226
	Item no.: 787-1702 Switched-mode power supply; Eco; 1-phase; 24 VDC output voltage; 1.25 A output current	787-1702
	Item no.: 787-1712 Switched-mode power supply; Eco; 1-phase; 24 VDC output voltage; 2.5 A output current	787-1712
	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 for ETHERNET RJ-45; for DIN 35 rail; with shield connection	289-195
--	--	---------

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

7000-022

Downloads

Documentation

Manual

8-Port 1000BASE-T Industrial ECO Switch	V 1.1.0	pdf 1.5 MB	Download
---	---------	---------------	----------

Additional Information

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

System Description

Industrial Switches – General Product Information		pdf 2.0 MB	Download
---	--	---------------	----------

CAD/CAE - Smart Data

CAD data

3D Download 852-1112		URL	Download
----------------------	--	-----	----------

Subject to changes.