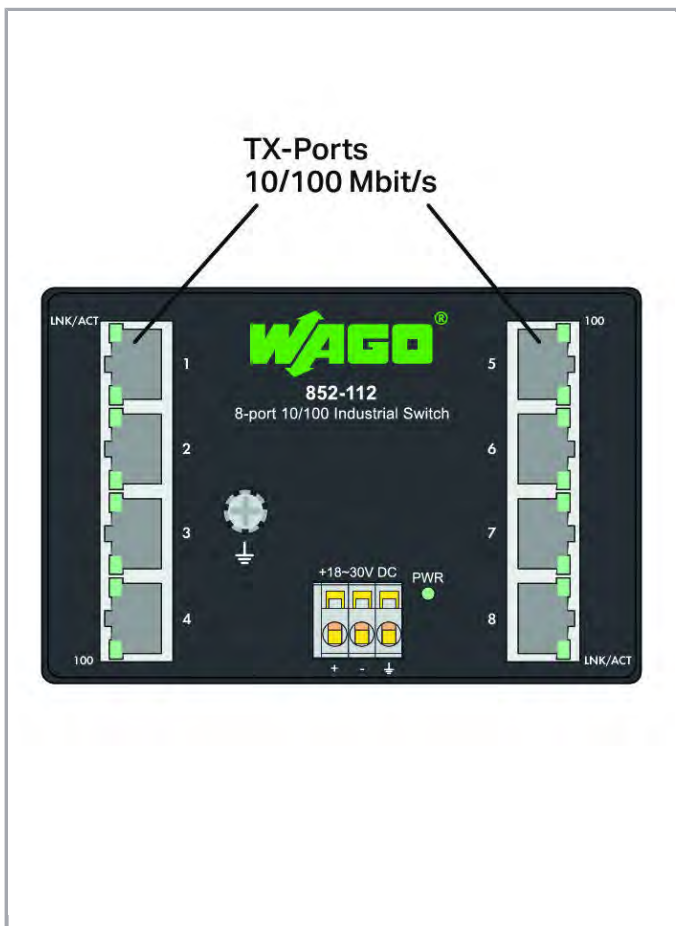




Subject to changes. Please also observe the further product documentation!



Item description

The 852-112 Industrial ECO Switch is an 8-port 10/100Base-TX ETHERNET switch supporting autonegotiation and Auto-MDI-/MDI-X detection for each port.

The 852-112 Switch is a cost-effective solution to keep up with the constant demands for emerging IP-based industry communication needs.

This switch is easy to configure and install and is best suited for small to medium-sized networks.

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 2000 absolute MAC addresses
- Overvoltage protection

Subject to changes. Please also observe the further product documentation!



- IEEE 802.3x flow control in full-duplex mode
- DIN-35 rail mounting

Data

Technical Data

Switching mode	Store-and-forward; non-blocking
Number of 100Base-TX ports	8
Communication standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3x Flow Control
MAC table (size)	2000 addresses
Jumbo frame size	1536. Byte
Supply voltage	DC 18 ... 30 V
Power consumption (max.)	3 W
Baud rate	Copper cable: 10/100 Mbit/s
Transmission medium (communication/fieldbus)	Copper cable: Cat. 5 or higher, 100 m maximum cable length
Topology	Star
Indicators	Device: LED (PWR) green: Power supply; per port: LED (100, LNK /ACT) green: Status 100 Mbps, LNK/ACT ports 1 ... 8

Connection data

Connection technology: communication/fieldbus	Copper cable: 8 x RJ-45
Connection technology: supply	1 x Built-in PCB terminal block: 739-103

Geometrical Data

Width	109,2 mm / 4.299 inch
Height from upper-edge of DIN-rail	32 mm / 1.26 inch
Depth	73,8 mm / 2.906 inch

Mechanical data

Weight	415 g
Color	black
Housing material	Sheet steel

Environmental Requirements

Surrounding air temperature (operation)	-40 ... 70 °C
Surrounding air temperature (storage)	-40 ... 80 °C

Subject to changes. Please also observe the further product documentation!

Protection type	IP30
Relative humidity (without condensation)	95 %
Mounting type	DIN-35 rail
Vibration resistance	per IEC 60068-2-6
Shock resistance	per IEC 60068-2-27

Commercial data

Product Group	27 (Special components I/O)
Packaging type	BOX
Country of origin	TW
GTIN	4045454847586
Customs tariff number	85176200000

Counterpart

Compatible products

wiring and connectors



Item no.: 750-975

ETHERNET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly; light gray



Item no.: 750-976

PROFINET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly



Item no.: 750-977/000-011

Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22



Item no.: 750-977/000-012

Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22



Item no.: 750-977/000-013

Connector PROFINET; RJ-45; Cat. 6A; straight; AWG 22



Item no.: 750-977/000-021

Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24



Item no.: 750-977/000-022

Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24

Subject to changes. Please also observe the further product documentation!



Item no.: 750-978/000-011
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22; Strain relief



Item no.: 750-978/000-012
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22; Strain relief



Item no.: 750-978/000-013
Connector PROFINET; RJ-45; Cat. 6A; straight; AWG 22; Strain relief



Item no.: 750-978/000-021
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24; Strain relief



Item no.: 750-978/000-022
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24; Strain relief



Item no.: 750-979/000-011
Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 22; Strain relief



Item no.: 750-979/000-012
Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 22; Strain relief



Item no.: 750-979/000-013
Connector PROFINET; RJ-45; Cat. 6A; angled; AWG 22; Strain relief



Item no.: 750-979/000-021
Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 24; Strain relief



Item no.: 750-979/000-022
Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 24; Strain relief

transfer module



Item no.: 289-172
Interface module; RJ-45; RJ-45; Cat. 5; in mounting carrier



Item no.: 289-175
Interface module; RJ-45; PCB terminal blocks, double-row; Cat. 5; in mounting carrier; with shield connection; with shield clamping saddle; 1,50 mm²



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



Item no.: 289-196
Interface module; RJ-45; with power jumper contacts; PCB terminal blocks; Cat. 5

Subject to changes. Please also observe the further product documentation!

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



Item no.: 787-1112

Switched-mode power supply; Compact; 1-phase; 24 VDC output voltage; 2.5 A output current; DC OK signal



Item no.: 787-1122

Switched-mode power supply; Compact; 1-phase; 24 VDC output voltage; 4 A output current; DC OK signal



Item no.: 787-1226

Switched-mode power supply; Compact; 1-phase; 24 VDC output voltage; 6 A output current



Item no.: 787-1702

Switched-mode power supply; Eco; 1-phase; 24 VDC output voltage; 1.25 A output current



Item no.: 787-1712

Switched-mode power supply; Eco; 1-phase; 24 VDC output voltage; 2.5 A output current



Item no.: 787-1722

Switched-mode power supply; Eco; 1-phase; 24 VDC output voltage; 5 A output current

Downloads

Documentation

Manual

8-Port 100BASE-TX Industrial ECO Switch

V 1.0.0

Installation manual

Gebrauchs- und Montageanleitung 852-111 / 852-112

Additional Information

Disposal; Electrical and electronic equipment, Packaging

V 1.0.0

System Description

Industrial Switches – General Product Information

Subject to changes. Please also observe the further product documentation!



CAD/CAE-Data

CAD data

2D/3D Models 852-112

CAE data

EPLAN Data Portal 852-112

WSCAD Universe 852-112

Installation Notes

Subject to changes. Please also observe the further product documentation!