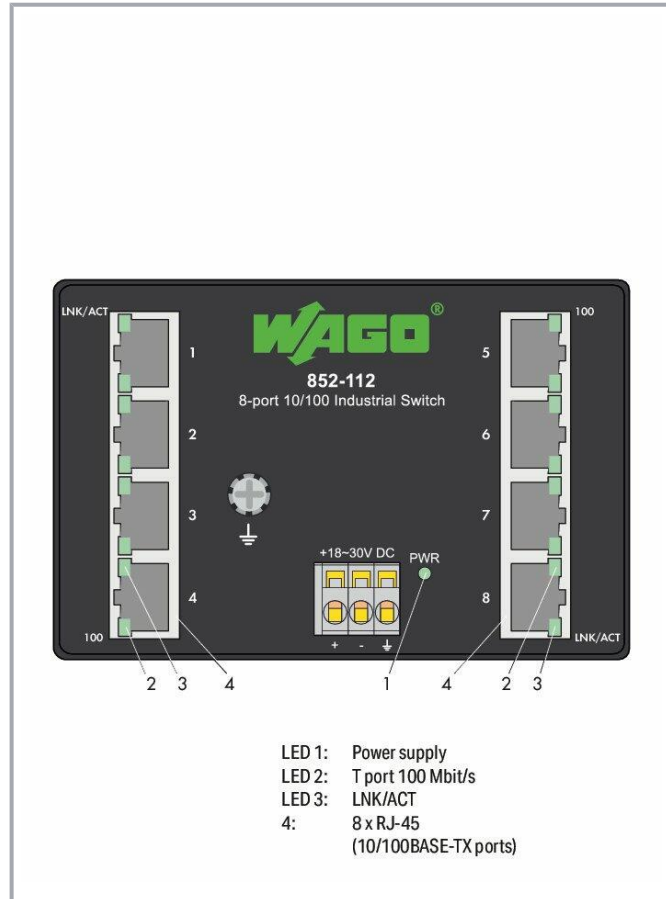




Color: —



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

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



- 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
- 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	18 ... 30 VDC
Power consumption (max.)	3 W
ESD (contact/air discharge)	4 KV / 8 KV
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

Physical data

Width	109.2 mm / 4.299 inch
Height	73.8 mm / 2.906 inch
Depth	24 mm
Depth from upper edge of DIN-rail	32 mm / 1.26 inch

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

Mechanical data

Weight	415 g
Color	black
Housing material	Sheet steel

Environmental requirements


Surrounding air temperature (operation)	-40 ... 70 °C (UL max. +60 °C)
Surrounding air temperature (storage)	-40 ... 80 °C
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)
PU (SPU)	1 Stück
Packaging type	box
Country of origin	TW
GTIN	4045454847586
Customs tariff number	85176200000


Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	KC National Radio Research Agency	Article 58-2, Clause 3	MSIP- REM-W43- ISW852

Optional accessories

Power supplies

Power supply	
	Item no.: 787-1722 Switched-mode power supply; Eco; 1-phase; 24 VDC output voltage; 5 A output current; DC-OK LED
	www.wago.com/787-1722

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



Item no.: 787-1712

Switched-mode power supply; Eco; 1-phase; 24 VDC output voltage; 2.5 A output current; DC-OK LED www.wago.com/787-1712



Item no.: 787-1702

Switched-mode power supply; Eco; 1-phase; 24 VDC output voltage; 1.25 A output current; DC-OK LED www.wago.com/787-1702



Item no.: 787-1102

Switched-mode power supply; Compact; 1-phase; 24 VDC output voltage; 1.3 A output current; DC OK signal www.wago.com/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 www.wago.com/787-1112



Item no.: 787-1122

Switched-mode power supply; Compact; 1-phase; 24 VDC output voltage; 4 A output current www.wago.com/787-1122



Item no.: 787-1226

Switched-mode power supply; Compact; 1-phase; 24 VDC output voltage; 6 A output current; DC-OK LED www.wago.com/787-1226

Cables and pluggable connectors

Connector plug



Item no.: 750-975

ETHERNET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly www.wago.com/750-975



Item no.: 750-976

PROFINET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly www.wago.com/750-976



Item no.: 750-978/000-012

Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22; Strain relief www.wago.com/750-978/000-012



Item no.: 750-979/000-012

Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 22; Strain relief www.wago.com/750-979/000-012



Item no.: 750-978/000-021

Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24; Strain relief www.wago.com/750-978/000-021



Item no.: 750-979/000-022










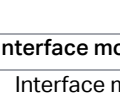



Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 24; Strain relief www.wago.com/750-979/000-022



Item no.: 750-978/000-022

Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24; Strain relief www.wago.com/750-978/000-022

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

	Item no.: 750-979/000-011 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 22; Strain relief	www.wago.com/750-979/000-011
	Item no.: 750-979/000-013 Connector PROFINET; RJ-45; Cat. 6A; angled; AWG 22; Strain relief	www.wago.com/750-979/000-013
	Item no.: 750-979/000-021 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 24; Strain relief	www.wago.com/750-979/000-021
	Item no.: 750-977/000-011 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22	www.wago.com/750-977/000-011
	Item no.: 750-978/000-013 Connector PROFINET; RJ-45; Cat. 6A; straight; AWG 22; Strain relief	www.wago.com/750-978/000-013
	Item no.: 750-978/000-011 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22; Strain relief	www.wago.com/750-978/000-011
	Item no.: 750-977/000-022 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24	www.wago.com/750-977/000-022
	Item no.: 750-977/000-012 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22	www.wago.com/750-977/000-012
	Item no.: 750-977/000-013 Connector PROFINET; RJ-45; Cat. 6A; straight; AWG 22	www.wago.com/750-977/000-013
	Item no.: 750-977/000-021 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24	www.wago.com/750-977/000-021
Interface module		
Interface module		
	Item no.: 289-195 Interface module; RJ-45; IDC technology; Cat. 6; in mounting carrier; with shield connection	www.wago.com/289-195
	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 mm ²	www.wago.com/289-175
	Item no.: 289-172 Interface module; RJ-45; RJ-45; Cat. 5; in mounting carrier	www.wago.com/289-172
	Item no.: 289-196	

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

Downloads

Documentation

Manual

8-Port 100BASE-TX Industrial ECO Switch	V 1.0.2 Jul 14, 2020	pdf 1.1 MB	Download
-----------------------------------------	-------------------------	---------------	----------

Bid Text

852-112 doc - Datei	Oct 9, 2017	doc 27.6 kB	Download
------------------------	-------------	----------------	----------

852-112 X81 - Datei	Feb 19, 2019	xml 4.9 kB	Download
------------------------	--------------	---------------	----------

Installation manual

Gebrauchs- und Montageanleitung 852-111 / 852-112		pdf 1.7 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-Data

CAD data

2D/3D Models 852-112		URL	Download
----------------------	--	-----	----------

CAE data

EPLAN Data Portal 852-112		URL	Download
---------------------------	--	-----	----------

WSCAD Universe 852-112		URL	Download
------------------------	--	-----	----------

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



ZUKEN Portal 852-112

[URL](#)

[Download](#)

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 852-112

[URL](#)

[Download](#)

Industrial-ECO-Switch; 8-port 100Base-TX; black

Installation Notes

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

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.