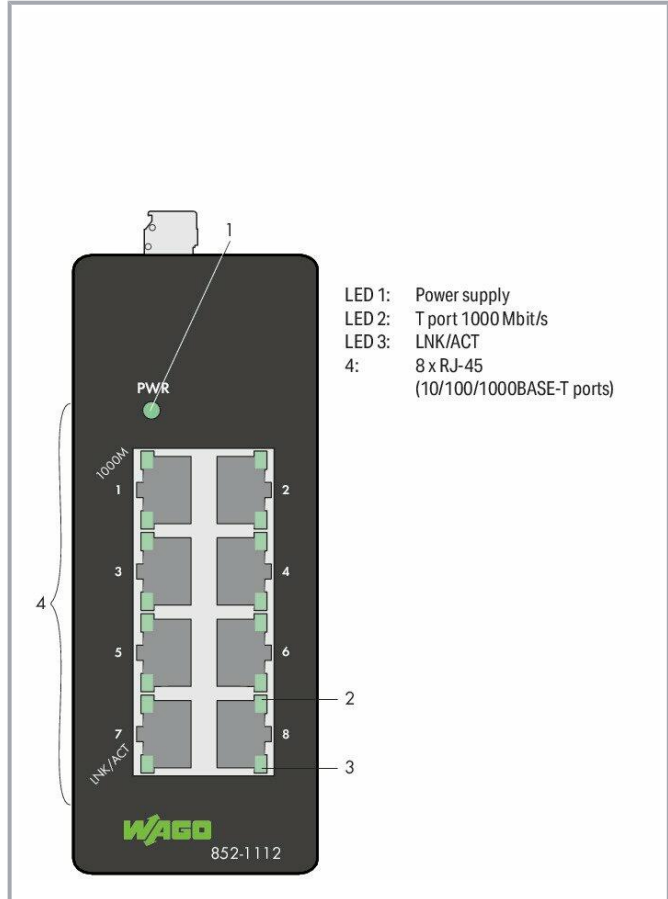
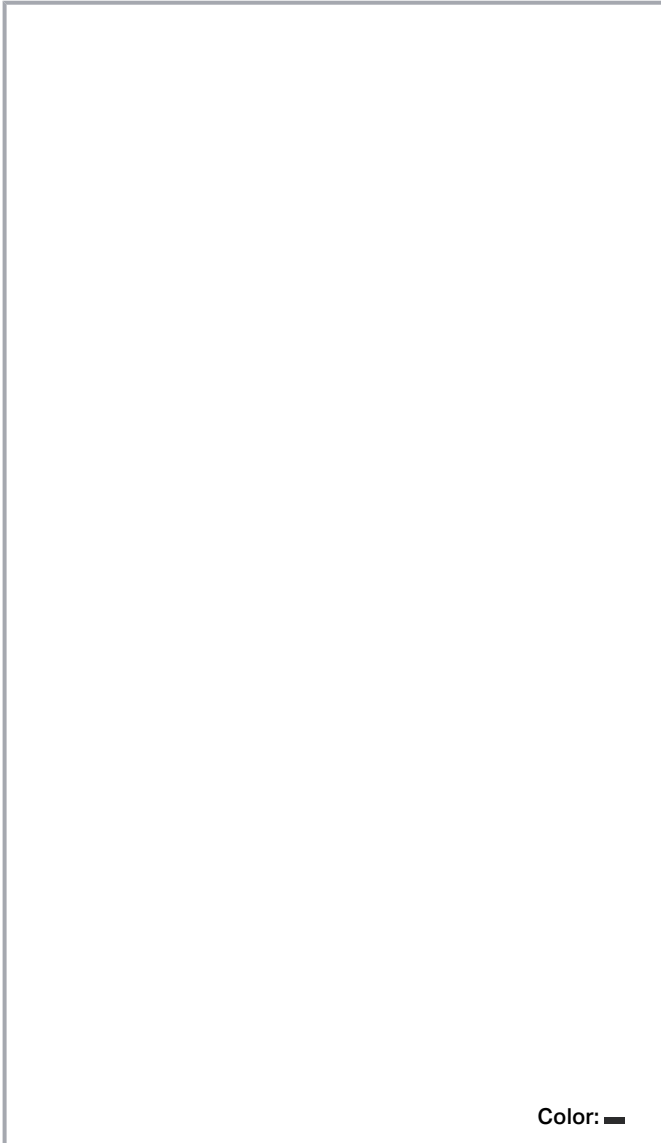


Data sheet | Item number: 852-1112

Industrial-ECO-Switch; 8-Port 1000BASE-T; black

www.wago.com/852-1112



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WAGO 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.



Item description

The 852-1112 Industrial ECO Switch is an 8-port 1000Base-T ETHERNET switch supporting autonegotiation 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 autonegotiation
- Front-panel diagnostic LEDs
- Supports Auto-MDI/MDI-X functions

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- 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 data packets (EtherType=0x8892) per IEEE802.1p
- DIN-35 rail mounting

Data

Technical data

Switching mode	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 (size)	8000 addresses
Jumbo frame size	9000. Byte
Supply voltage	9 ... 57 VDC
Power consumption (max.)	6 W
ESD (contact/air discharge)	8 KV / 15 KV
Baud rate	Copper cable: 10/1000 Mbit/s
Transmission medium (communication/fieldbus)	Copper cable: Cat. 5e or higher, 100 m maximum cable length
Topology	Star
Indicators	Device: LED (PWR) green: Power supply; per port: LED (1000) green: Status 1000 Mbps, 1000 Mbps ports 1 ... 8

Connection data

Connection technology: communication/fieldbus	Copper cable: 8 x RJ-45
Connection technology: supply	1 x Built-in male connector: 231-432/001-000; included female connector (MCS Connectors): 2231-102/026-000

Physical data

Width	46 mm / 1.811 inch
Height	116 mm / 4.567 inch
Depth	110 mm

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Depth from upper edge of DIN-rail	99.6 mm / 3.921 inch
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Mechanical data

Weight	487 g
Color	black
Housing material	Sheet steel
Conformity marking	CE

Environmental requirements



Surrounding air temperature (operation)	0 ... 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
EMC immunity to interference	per EN 61000-6-2
EMC emission of interference	per EN 61000-6-4

Commercial data

PU (SPU)	1 Stück
Packaging type	box
Country of origin	TW
GTIN	4055143500180
Customs tariff number	85176200000

Approvals / Certificates

Country specific Approvals


Logo	Approval	Additional Approval Text	Certificate name
	EAC Brjansker Zertifizierungsstelle	TP TC 020/2011	EAC RU C-DE.AM02. B.00087 /19
	KC National Radio Research Agency	Article 58-2, Clause 3	MSIP-REM-W43- ISW852

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UL-Approvals


Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-2-201	E175199

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	
	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 LED	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 LED	www.wago.com/787-1112	
	Item no.: 787-1122 Switched-mode power supply; Compact; 1-phase; 24 VDC output voltage; 4 A output current; DC-OK LED	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.: 750-976 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	

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	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
	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
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	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

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



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

Downloads

Documentation

Manual

8-Port 1000BASE-T Industrial ECO Switch	V 1.2.1 04-Feb-2021	pdf 1.4 MB	Download
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Bid Text

852-1112 X81 - Datei	22-Mar-2019	xml 6.7 kB	Download
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852-1112 doc - Datei	21-Mar-2019	doc 30.2 kB	Download
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ausschreiben.de 852-1112		URL	Download
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System Description

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

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 852-1112		URL	Download
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CAE data

ZUKEN Portal 852-1112		URL	Download
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EPLAN Data Portal 852-1112	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 852-1112 Industrial-ECO-Switch; 8-Port 1000BASE-T; black	URL	Download
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Installation Notes

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