

Item description

The 852-111 Industrial ECO Switch is a 5-port 10/100Base-TX ETHERNET switch supporting autonegotiation and Auto-MDI-/MDI-X detection for each port.

The 852-111 5-port density can be used to create multiple segments to alleviate client congestion and provide dedicated bandwidth to each user node. The 852-111 Switch 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:

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



- 5 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
- 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	5
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 port 1 ... 5

Connection data

Connection technology: communication/fieldbus	Copper cable: 5 x RJ-45
Connection technology: supply	1 x Built-in male connector: 231-433/001-000; included female connector (MCS Connectors): 231-103/026-000

Physical data

Width	23.4 mm / 0.921 inch
Height	109.2 mm / 4.299 inch
Depth	73.8 mm / 2.906 inch
Depth from upper edge of DIN-rail	81 mm / 3.189 inch

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

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Do you have any questions about our products?
 We are always happy to take your call at 01788 568 008.

Mechanical data

Weight	352 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
Fire load	5.28 MJ

Commercial data

Product Group	27 (Special components I/O)
Packaging type	BOX
Country of origin	TW
GTIN	4045454847593
Customs tariff number	85176200000

Compatible products

wiring and connectors

	Item no.: 750-975 ETHERNET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly; light gray	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.: 750-977/000-011 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22	www.wago.com/750-977/000-011
	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



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.: 750-978/000-011
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22; Strain relief

www.wago.com/750-978/000-011



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

www.wago.com/750-978/000-012



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

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

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

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

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

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transfer module




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


www.wago.com/289-172


Item no.: 289-175

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




	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
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	Item no.: 289-195 Interface module; RJ-45; IDC technology; Cat. 6; in mounting carrier; with shield connection	www.wago.com/289-195
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	Item no.: 289-196 Interface module; RJ-45; with power jumper contacts; PCB terminal blocks; Cat. 5	www.wago.com/289-196
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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	www.wago.com/787-1102
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	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
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	Item no.: 787-1122 Switched-mode power supply; Compact; 1-phase; 24 VDC output voltage; 4 A output current	www.wago.com/787-1122
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	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
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	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
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	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
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	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
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General accessories

	Item no.: 852-9101 DNV Carrier rail adapter; for ETHERNET Switches 852-111/ 852-1111 marine approval; -	www.wago.com/852-9101
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Downloads

Documentation

Manual

5-Port 100BASE-TX Industrial ECO Switch	V 1.3.1 Jul 14, 2020	pdf 994.5 kB	Download
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Bid Text

852-111 doc - Datei	Oct 9, 2017	doc 27.6 kB	Download
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Do you have any questions about our products?
 We are always happy to take your call at 01788 568 008.



X81 - Datei

5.3 kB

Installation manual

Gebrauchs- und Montageanleitung 852-111 / 852-112

pdf
1.7 MB

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Additional Information

Disposal; Electrical and electronic equipment, Packaging

V 1.0.0

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System Description

Industrial Switches – General Product Information

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CAD/CAE-Data

CAD data

2D/3D Models 852-111

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CAE data

EPLAN Data Portal 852-111

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WSCAD Universe 852-111

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Installation Notes

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