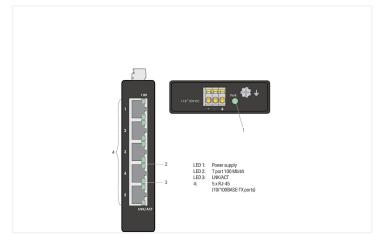
## Data Sheet | Item Number: 852-111

Industrial-ECO-Switch; 5-port 100Base-TX; black

https://www.wago.com/852-111







Color: ■ black

This unmanaged industrial ETHERNET switch (852-111) has five Fast ETHERNET ports for easily setting up small- to medium-sized networks. Its slim design paired with a DIN-rail adapter simplifies installation in the control cabinet and provides high vibration and shock resistance. Additionally, automatic transmission rate detection (auto-negotiation) and automatic identification of the transmit and receive lines (Auto MDI-X) allow simple plug-and-play operation, saving time and money during commissioning.

## Features:

- 5 ETHERNET ports 10/100 Mbit/s 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
- Data flow control, per IEEE 802.3x Flow Control, in full-duplex mode
- · DIN-35 rail mounting

Technical data	
Switching mode	Store-and-forward; non-blocking
Number of 100 Mbit/s 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 bytes
Supply voltage	1830 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 port 1 $\dots$ 5

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## 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 inches

 Height
 109.2 mm / 4.299 inches

 Depth
 73.8 mm / 2.906 inches

 Depth from upper-edge of DIN-rail
 81 mm / 3.189 inches

Mechanical data

Weight 302 g
Color black
Housing material Sheet steel

**Environmental requirements** 

Ambient temperature (operation) -40 ... +70 °C (UL max. +60 °C) -40 ... +80 °C Ambient temperature (storage) Protection type IP30 Relative humidity (without condensation) 95 % Mounting type DIN-35 rail per IEC 60068-2-6 Vibration resistance Shock resistance per IEC 60068-2-27 Fire load 5.28 MJ

Commercial data

**Product Group** 27 (special components I/O) eCl@ss 10.0 19-17-01-30 eCl@ss 9.0 19-17-01-06 ETIM 8.0 EC000734 ETIM 7.0 EC000734 PU (SPU) 1 pcs Packaging type Box Country of origin TW GTIN 4045454847593 Customs tariff number 85176200000

**Environmental Product Compliance** 

RoHS Compliance Status Compliant, No Exemption

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

Current addresses can be found at::  $\underline{www.wago.com}$ 

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