

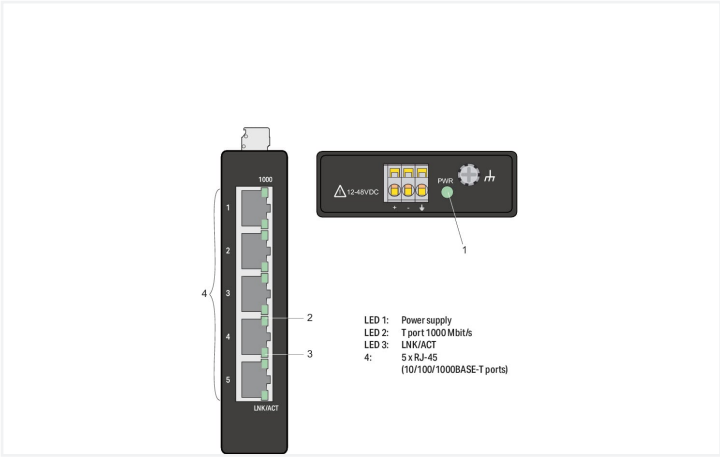
Data Sheet | Item Number: 852-1111/000-001
Industrial-ECO-Switch; 5-port 1000Base-T; black

<https://www.wago.com/852-1111/000-001>



Color: ■ black







This unmanaged industrial ETHERNET switch (852-1111/000-001) has five 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 10/100/1000 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
- IEEE 802.3x flow control in full-duplex mode
- Prioritization of PROFINET® data packets (EtherType=0x8892) per IEEE802.1p
- DIN-35 rail mounting

| Technical data | |
|--------------------------|--|
| Switching mode | Store-and-forward; non-blocking |
| Number of 1 Gbit/s ports | 5 |
| Communication standards | IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3x Flow Control IEEE 802.1p Prioritization |
| MAC table (size) | 2000 addresses |
| Jumbo frame size | 9216 bytes |
| Supply voltage | 12 ... 48 VDC; (±15 %); 24 ... 48 VDC (UL) |
| Power consumption (max.) | 4 W |
| Baud rate | Copper cable: 10/1000 Mbit/s |
| Topology | Star |
| Indicators | Device: LED (PWR) green: Power supply; per port: LED (100, 1000) green: Status 100 Mbps, 1000 Mbps ports 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 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 | 203 g |
| Color | black |
| Housing material | Sheet steel |
| Conformity marking | CE |

Environmental requirements

| | |
|--|--------------------|
| Ambient temperature (operation) | -40 ... +70 °C |
| Ambient temperature (storage) | -40 ... +85 °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 | 0 MJ |

Commercial data

| | |
|-----------------------|---------------|
| PU (SPU) | 1 pcs |
| Country of origin | TW |
| GTIN | 4066966254990 |
| Customs tariff number | 85176200000 |

Environmental Product Compliance

| | |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

Approvals / Certificates

General approvals



| Approval | Standard | Certificate Name |
|---|------------------------|---------------------|
| EAC GZO Almaty Standart | TP TC 020/2011 | EAC CoC 03083 |
| KC National Radio Research Agency | Article 58-2, Clause 3 | MSIP-REM-W43-ISW852 |
| UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS) | UL 61010-2-201 | E175199 |

Declarations of conformity and manufacturer's declarations

| Approval | Standard | Certificate Name |
|--|----------|------------------|
| EU-Declaration of Conformity WAGO GmbH & Co. KG | - | - |
| UK-Declaration of Conformity WAGO GmbH & Co. KG | - | - |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance
852-1111/000-001



Documentation

Manual

Product Manual Indus-
trial-ECO-Switch;

V 1.0.0
25.10.2022

pdf
3170.65 KB



CAD/CAE-Data

CAD data

2D/3D Models
852-1111/000-001

