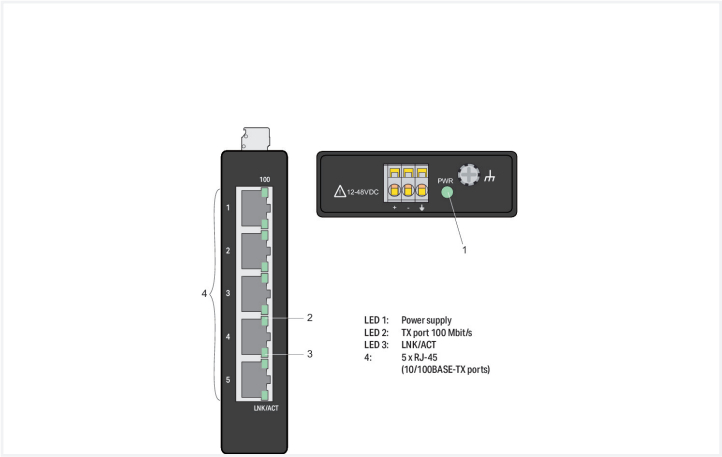




Color: ■ black







This unmanaged industrial ETHERNET switch (852-111/000-001) has 5 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
- 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 100 Mbps ports	5
Communication standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3x Flow Control IEEE 802.1p Prioritization
MAC table (size)	2000 addresses
Supply voltage	12 ... 48 VDC
Power consumption (max.)	2 W
Current consumption (max.)	200 mA
Transmission rate	Copper cable: 10/100 Mbit/s
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 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
Packaging type	Box
Country of origin	TW
GTIN	4066966216288
Customs tariff number	85176200000
Product classification	
UNSPSC	43222612
ETIM 9.0	EC000734
ETIM 8.0	EC000734
ECCN	NO US CLASSIFICATION
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 852-111/000-001	
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Documentation

Manual			
Product Manual Industrial ECO Switch	V 1.2.0 24.03.2023	pdf 5038.29 KB	

System Description			
Industrial Switches – General Product Information		pdf 1873.93 KB	

Bid Text			
0852-0111/0000-0001		docx 27.43 KB	
0852-0111/0000-0001		xml 6.45 KB	

CAD/CAE-Data

CAD data	
2D/3D Models 852-111/000-001	



1 Compatible Products			
1.1 Optional Accessories			
1.1.1 Cables and connectors			
1.1.1.1 Connector plug			
			
Item No.: 750-979/000-011 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 22; Strain relief	Item No.: 750-979/000-021 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 24; Strain relief	Item No.: 750-979/000-012 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 22; Strain relief	Item No.: 750-979/000-022 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 24; Strain relief
			
Item No.: 750-977/000-011 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22	Item No.: 750-978/000-011 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22; Strain relief	Item No.: 750-977/000-021 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24	Item No.: 750-978/000-021 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24; Strain relief
			
Item No.: 750-977/000-012 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22	Item No.: 750-978/000-012 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22; Strain relief	Item No.: 750-977/000-022 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24	Item No.: 750-978/000-022 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24; Strain relief
			
Item No.: 750-979/000-013 Connector PROFINET; RJ-45; Cat. 6A; angled; AWG 22; Strain relief	Item No.: 750-977/000-013 Connector PROFINET; RJ-45; Cat. 6A; straight; AWG 22	Item No.: 750-978/000-013 Connector PROFINET; RJ-45; Cat. 6A; straight; AWG 22; Strain relief	Item No.: 750-975 ETHERNET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly
			
Item No.: 750-976 PROFINET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly			
1.1.2 Interface module			
1.1.2.1 Interface module			
			
Item No.: 289-195 Interface module; RJ-45; IDC technology; Cat. 6; in mounting carrier; with shield connection	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	Item No.: 289-172 Interface module; RJ-45; RJ-45; Cat. 5; in mounting carrier	Item No.: 289-196 Interface module; RJ-45; with power jumper contacts; PCB terminal blocks; Cat. 5
1.1.3 Power supply			
1.1.3.1 Power supply			
			
Item No.: 787-1102 Switched-mode power supply; Compact; 1-phase; 24 VDC output voltage; 1.3 A output current; DC-OK LED	Item No.: 787-1112 Switched-mode power supply; Compact; 1-phase; 24 VDC output voltage; 2.5 A output current; DC-OK LED	Item No.: 787-1122 Switched-mode power supply; Compact; 1-phase; 24 VDC output voltage; 4 A output current; DC-OK LED	Item No.: 787-1226 Switched-mode power supply; Compact; 1-phase; 24 VDC output voltage; 6 A output current; DC-OK LED
			
Item No.: 787-1702 Switched-mode power supply; Eco; 1-phase; 24 VDC output voltage; 1.25 A output current; DC-OK LED	Item No.: 787-1712 Switched-mode power supply; Eco; 1-phase; 24 VDC output voltage; 2.5 A output current; DC-OK LED	Item No.: 787-1722 Switched-mode power supply; Eco; 1-phase; 24 VDC output voltage; 5 A output current; DC-OK LED	

