

Item description

The configurable 852-1322 Industrial ETHERNET Switch is equipped with eight 10/100/1000BASE-T ports. Data encryption complies with IEEE802.1AE (MAC Security Standard) for communication via ports 7 and 8. This functionality, combined with compact dimensions, makes WAGO's managed switch ideal for retrofitting network security during operation of the automation system. The customer application remains unchanged. The optional authentication of the other participants in the network is port-specific in accordance with IEEE 802.1X and RADIUS server. Packaged in a rugged housing, this switch offers a redundant power supply.

Features:

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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 +49 (571) 887-44222.



- Web-based (HTTP(S))
- Configuration and diagnostics via SNMPv3
- Redundant DC power supply
- Supply voltage range: 9 ... 48 VDC
- Full compliance with IEEE802.3, 802.3u, 802.3x, 802.3ab, 802.1p, 802.1X, 802.3az and 802.1AE standards
- Non-blocking, store-and-forward switching
- Auto-negotiation at all 10/100/1000BASE-T ports
- Auto-MDI/MDIX (crossover) at all 10/100/1000Base-T ports
- SNMP v1/v2c/v3

Data

Technical data

Switching mode	Store-and-forward; non-blocking
Number of 1 Gbit/s 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 802.1p Prioritization IEEE 802.1x Port Authentication IEEE 802.1Q VLAN Tagging IEEE 802.1AE MAC Security
Redundancy function	Redundant DC power supply
Configuration options	Web-based (HTTP(S)) SNMPv1/v2c/v3
Diagnostics	Modbus TCP; Port status; Syslog; SNMP traps
MAC table (size)	16000 addresses
Supply voltage	9 ... 48 VDC
Power consumption (max.)	5.8 W
ESD (contact/air discharge)	8 KV / 15 KV
Baud rate	Copper cable: 10/1000 Mbit/s
Indicators	Device: LED (PWR, RPS) green: Power supply (primary), redundant power supply (secondary); LED (ALM) red: Alarm; per port: LED (100M/1G, LNK/ACT) green: Status 100 Mbit/s/1 Gbit/s, LNK/ACT ports 1 ... 8

Connection data

Connection technology: communication/fieldbus	Copper cable: 8 x RJ-45
Connection technology: supply	1 x Built-in male connector: 231-435/001-000; included female connector (MCS Connectors): 2231-105/026-000

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Physical data

Width	45.3 mm / 1.783 inches
Height	110 mm / 4.331 inches
Depth	92 mm / 3.622 inches

Mechanical Data

Weight	628 g
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Environmental requirements

Ambient temperature (operation)	-20 ... +70 °C
Ambient 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 55011, 55024, 55032 (Class A + B), 61000-6-3, -4

Commercial data

ETIM 8.0	EC000734
ETIM 7.0	EC000734
PU (SPU)	1 pcs
Country of origin	TW
GTIN	4055143978163
Customs tariff number	85176200000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC	TP TC 020/2011	EAC RU C-

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



Brjansker Zertifizierungsstelle

DE.AM02.
B.00087
/19UL
Underwriters Laboratories Inc. (ORDINARY LOCATIONS)

UL 62368-1

E175199

Optional accessories

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

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

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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







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	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
	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.: 750-977/000-022 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24	www.wago.com/750-977/000-022
	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
	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

Power supplies

Power supply unit		
	Item no.: 787-1632 Switched-mode power supply; Classic; 1-phase; 24 VDC output voltage; 10 A output current; TopBoost; DC OK contact	www.wago.com/787-1632
	Item no.: 787-1633 Switched-mode power supply; Classic; 1-phase; 48 VDC output voltage; 5 A output current; TopBoost; DC OK contact	www.wago.com/787-1633
	Item no.: 787-1635 Switched-mode power supply; Classic; 1-phase; 48 VDC output voltage; 10 A output current; TopBoost; DC OK contact	www.wago.com/787-1635
	Item no.: 787-1602 Switched-mode power supply; Classic; 1-phase; 24 VDC output voltage; 1 A output current; NEC Class 2; DC OK signal	www.wago.com/787-1602
	Item no.: 787-1622 Switched-mode power supply; Classic; 1-phase; 24 VDC output voltage; 5 A output current; TopBoost; DC OK contact	www.wago.com/787-1622
	Item no.: 787-1606	

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Switched-mode power supply; Classic; 1-phase; 24 VDC output voltage; 2 A output current; NEC Class 2; DC OK signal www.wago.com/787-1606

**Item no.: 787-1623**

Switched-mode power supply; Classic; 1-phase; 48 VDC output voltage; 2 A output current; DC OK signal www.wago.com/787-1623

Downloads**Documentation****Manual**

Product Manual Industrial Managed Switch 8-Port 1000BASE-T; MAC Security	V 1.2.0 2021 Oct 14	pdf 9.6 MB	Download
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Bid Text

852-1322 docx - Datei		docx 32.2 kB	Download
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852-1322 X81 - Datei		xml 7.3 kB	Download
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Additional Information

Disposal and Recycling Electrical and electronic equipment, Batteries, Packaging	V 1.1.0 2022 Aug 18	pdf 2.2 MB	Download
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System Description

Industrial Switches – General Product Information		pdf 1.9 MB	Download
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Runtime Software**Firmware**

0852-1322, Industrial-Managed-Switch WAGO_FW0852-1322_V20210830_IX02	V 02 2021 Aug 30	zip 9.3 MB	Download
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CAD/CAE-Data**CAD data**

2D/3D Models 852-1322		URL	Download
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CAE data

EPLAN Data Portal 852-1322	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 852-1322	URL	Download
Industrial-Managed-Switch; 8-Port 1000BASE-T; MAC Security		

Installation Notes

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