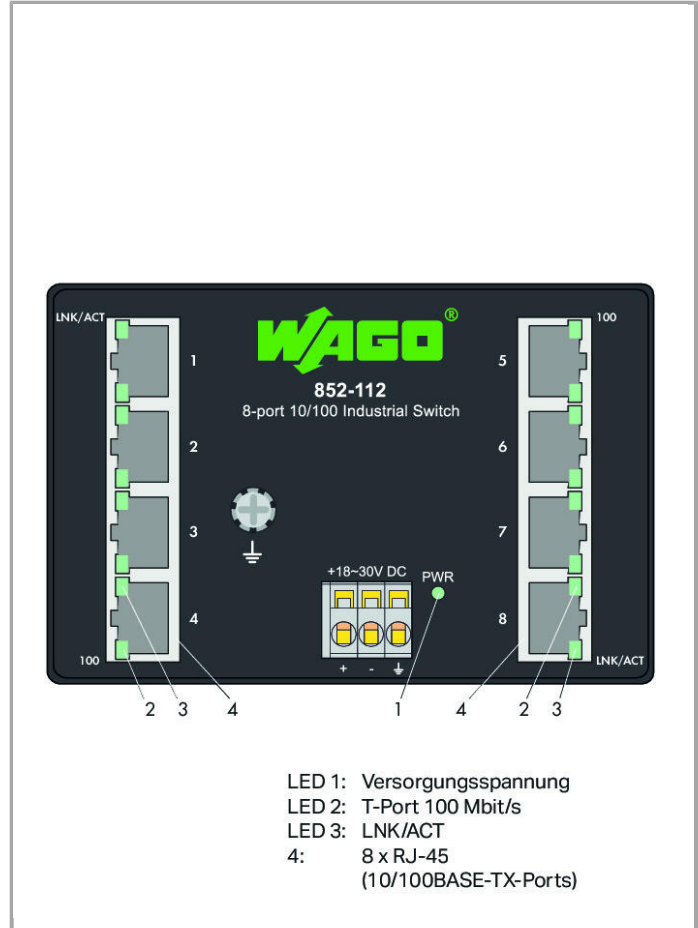


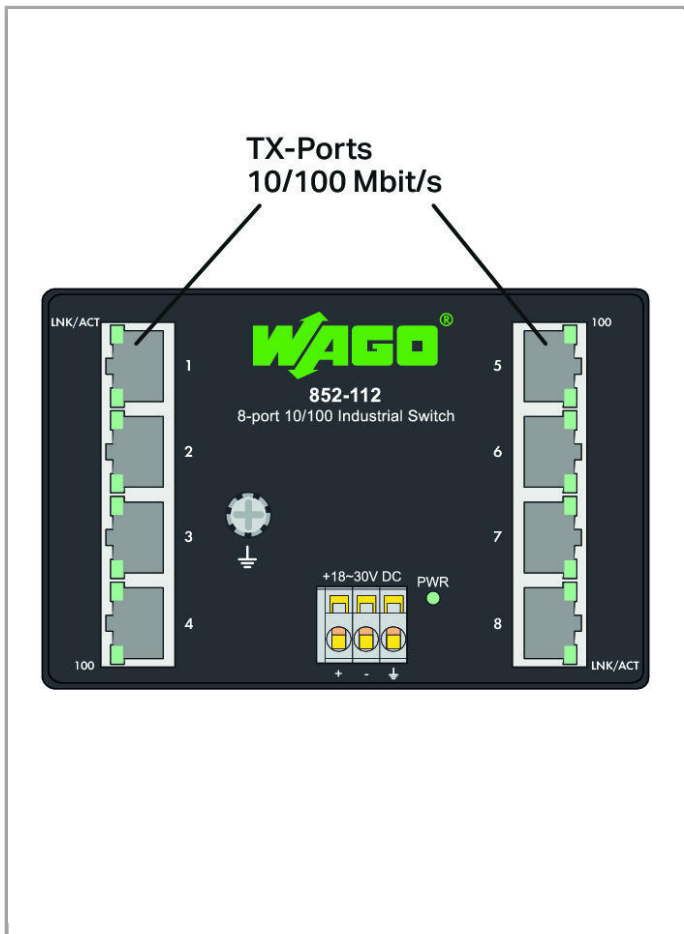


RoHS Compliant

[BOMcheck.net](http://BOMcheck.net)

Color:





### Item description

The 852-112 is an 8-port 10/100Base-TX industrial ETHERNET switch supporting Auto-Negotiation and Auto-MDI-/MDI-X detection for each port.

The 852-112 is a cost-effective solution to keep up with the constant demands for emerging IP-based industry communication needs.

The switch is easy to configure and install and is best suited for small to medium-sized networks.

### Features:

- 8 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

Switchingmodus	Store-and-forward, non-blocking
Number of 100Base-TX ports	8
Communication standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3x Flow Control
MAC table (large)	2000 addresses
Jumbo frame size	1536 Byte
Supply voltage	DC 18 ... 30 V
Energy consumption max.	3 W
Baud rate	Copper cable: 10/100Mbit/s
Übertragungsmedium (Kommunikation/Feldbus)	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 ... 8

### Connection data

Anschluss technik: Kommunikation/Feldbus	Copper cable: 8 x RJ-45
Anschluss technik: Versorgung	1 x im Gerät verbaute Leiterplattenklemme: 739-103

### Geometrical Data

Width	109.2 mm / 4.299 inch
Height from upper-edge of DIN-35 rail	32 mm / 1.26 inch
Depth	73.8 mm / 2.906 inch

### Mechanical data

Weight	415 g
Color	black
Housing material	Sheet steel

### Environmental Requirements








Surrounding air (operating) temperature	-40 ... 70 °C
Surrounding air (storage) temperature	-40 ... 80 °C
Degree of protection	IP30
Relative air humidity (no condensation)	95 %
Type of mounting	DIN-35 rail
Vibration resistance	acc. to IEC 60068-2-6
Shock resistance	acc. to IEC 60068-2-27

## Commercial data





Country of origin	TW
GTIN	4045454847586
Customs Tariff No.	85176200000
Product Group	27 (Special components I/O)

## Compatible products



### power supply
















	<b>Item no.: 787-1102</b> Switched-mode power supply; EPSITRON® COMPACT Power; 1-phase; 24 VDC output voltage; 1.3 A output current; DC OK signal	<a href="http://www.wago.com/787-1102">www.wago.com/787-1102</a>
	<b>Item no.: 787-1112</b> Switched-mode power supply; Compact; 1-phase; 24 VDC output voltage; 2.5 A output current; DC OK signal	<a href="http://www.wago.com/787-1112">www.wago.com/787-1112</a>
	<b>Item no.: 787-1122</b> Switched-mode power supply; EPSITRON® COMPACT Power; 1-phase; 24 VDC output voltage; 4 A output current; DC OK signal	<a href="http://www.wago.com/787-1122">www.wago.com/787-1122</a>
	<b>Item no.: 787-1226</b> Switched-mode power supply; EPSITRON® COMPACT Power; 1-phase; 24 VDC output voltage; 6 A output current	<a href="http://www.wago.com/787-1226">www.wago.com/787-1226</a>
	<b>Item no.: 787-1702</b> Switched-mode power supply; Eco; 1-phase; 24 VDC output voltage; 1.25 A output current	<a href="http://www.wago.com/787-1702">www.wago.com/787-1702</a>
	<b>Item no.: 787-1712</b> Switched-mode power supply; Eco; 1-phase; 24 VDC output voltage; 2.5 A output current	<a href="http://www.wago.com/787-1712">www.wago.com/787-1712</a>
	<b>Item no.: 787-1722</b> Switched-mode power supply; Eco; 1-phase; 24 VDC output voltage; 5 A output current	<a href="http://www.wago.com/787-1722">www.wago.com/787-1722</a>

### transfer module

	<b>Item no.: 289-172</b> Interface module for ETHERNET RJ-45	<a href="http://www.wago.com/289-172">www.wago.com/289-172</a>
	<b>Item no.: 289-175</b> Interface module for ETHERNET RJ-45	<a href="http://www.wago.com/289-175">www.wago.com/289-175</a>
	<b>Item no.: 289-195</b> Interface module for ETHERNET RJ-45; for DIN 35 rail; with shield connection	<a href="http://www.wago.com/289-195">www.wago.com/289-195</a>
	<b>Item no.: 289-196</b> Interface module with RJ-45 connectors; CAGE CLAMP®CONNECTION; with LED; Fused	<a href="http://www.wago.com/289-196">www.wago.com/289-196</a>

### wiring and connectors

	<b>Item no.: 750-975</b> ETHERNET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly	<a href="http://www.wago.com/750-975">www.wago.com/750-975</a>
	<b>Item no.: 750-976</b> PROFINET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly	<a href="http://www.wago.com/750-976">www.wago.com/750-976</a>

	<p><b>Item no.: 750-977/000-011</b> Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22</p>	<p><a href="http://www.wago.com/750-977/000-011">www.wago.com/750-977/000-011</a></p>
	<p><b>Item no.: 750-977/000-012</b> Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22</p>	<p><a href="http://www.wago.com/750-977/000-012">www.wago.com/750-977/000-012</a></p>
	<p><b>Item no.: 750-977/000-013</b> Connector PROFINET; RJ-45; Cat. 6A; straight; AWG 22</p>	<p><a href="http://www.wago.com/750-977/000-013">www.wago.com/750-977/000-013</a></p>
	<p><b>Item no.: 750-977/000-021</b> Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24</p>	<p><a href="http://www.wago.com/750-977/000-021">www.wago.com/750-977/000-021</a></p>
	<p><b>Item no.: 750-977/000-022</b> Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24</p>	<p><a href="http://www.wago.com/750-977/000-022">www.wago.com/750-977/000-022</a></p>
	<p><b>Item no.: 750-978/000-011</b> Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22; Strain relief</p>	<p><a href="http://www.wago.com/750-978/000-011">www.wago.com/750-978/000-011</a></p>
	<p><b>Item no.: 750-978/000-012</b> Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22; Strain relief</p>	<p><a href="http://www.wago.com/750-978/000-012">www.wago.com/750-978/000-012</a></p>
	<p><b>Item no.: 750-978/000-013</b> Connector PROFINET; RJ-45; Cat. 6A; straight; AWG 22; Strain relief</p>	<p><a href="http://www.wago.com/750-978/000-013">www.wago.com/750-978/000-013</a></p>
	<p><b>Item no.: 750-978/000-021</b> Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24; Strain relief</p>	<p><a href="http://www.wago.com/750-978/000-021">www.wago.com/750-978/000-021</a></p>
	<p><b>Item no.: 750-978/000-022</b> Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24; Strain relief</p>	<p><a href="http://www.wago.com/750-978/000-022">www.wago.com/750-978/000-022</a></p>
	<p><b>Item no.: 750-979/000-011</b> Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 22; Strain relief</p>	<p><a href="http://www.wago.com/750-979/000-011">www.wago.com/750-979/000-011</a></p>
	<p><b>Item no.: 750-979/000-012</b> Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 22; Strain relief</p>	<p><a href="http://www.wago.com/750-979/000-012">www.wago.com/750-979/000-012</a></p>
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	<p><b>Item no.: 750-979/000-022</b> Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 24; Strain relief</p>	<p><a href="http://www.wago.com/750-979/000-022">www.wago.com/750-979/000-022</a></p>

## Downloads

### Documentation

#### Manual

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#### Bid Text

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#### Instruction Leaflet

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#### Installation manual

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## smartDATA

### CAD data

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Subject to changes.