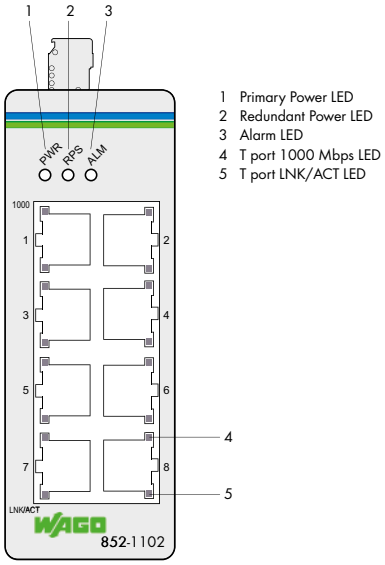
8-Port 1000Base-T Industrial Switch



1 Primary Power LED
2 Redundant Power LED
3 Alarm LED
4 T port 1000 Mbps LED
5 T port LNK/ACT LED

The 852-1102 Industrial Switch is a 8-port 10/100/1000Base-T Ethernet switch.
The switch has a rugged housing, redundant power supply and function monitoring with a relay. These functions make it ideal for a wide range of applications.

Features:
- Redundant DC power supply
- Large supply voltage range: 9 … 57 V
- DIP switches to set alarm functions
- Full compliance with IEEE802.3, 802.3u, 802.3ab stantards
- Non-blocking, store-and-forward switching
- Autonegotiation at all 10/100/1000Base T ports
- Auto-MDI/MDIX (crossover) at all 10/100/1000Base T ports
- Integrated address look-up table, supports 8,000 absolute MAC addresses
- Overvoltage protection
- Prioritization of Profinet Ethernet Frame (EtherType=0x8892) according to IEEE802.1p

Description	Item No.	Pack. Unit
8-Port 1000Base-T Industrial Switch	**852-1102**	1

Approvals	
Conformity marking	CE
cULus 61010-2-201	applied for

Technical Data	
Ports	8 x 10/100/1000Base-T (RJ-45)
Standards	IEEE 802.3 10Base-T;
	IEEE 802.3u 100Base-TX/FX;
	IEEE 802.3ab 1000Base-T;
	IEEE 802.3x Flow Control;
	IEEE 802.3az Energy Efficient Ethernet;
	IEEE 802.1p Class of Service,
	Profinet CC-A
Maximum length	10/100/1000Base-T: 100 m
Jumbo Frame Size	9216 Byte
Supply voltage	9 … 57 V DC
Energy consumption max.	6 W
Operating temperature	-40 … +70 °C
Storage temperature	-40 … +80 °C
Relative air humidity	
(no condensation)	95 %
Dimensions (mm) W x H x L	50 x 105 x 120
	Height from upper-edge of DIN 35 rail
Fixing	DIN 35 rail
Weight	565 g
Vibration resistance	acc. to IEC 60068-2-6
Shock resistance	acc. to IEC 60068-2-27
Degree of protection	IP30
EMC immunity of interference	acc. to EN 61000-6-2
EMC emission of interference	acc. to EN 61000-6-4