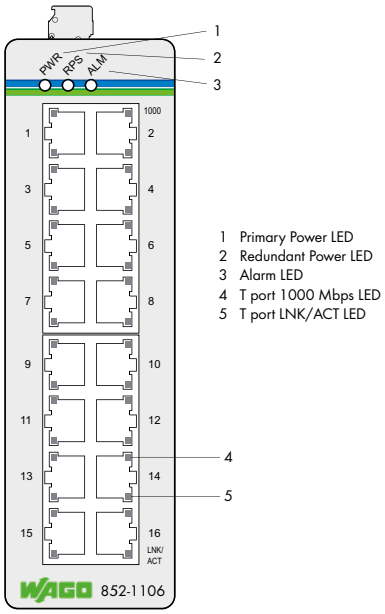
Industrial Switch; 16 Ports 1000Base-T



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

The 852-1106 Industrial Switch is a 16-port 10/100/1000Base-T ETHERNET switch.
The switch has a rugged metal housing, redundant power supply and function monitoring with a relay. These functions and an operating range of −40 to +70°C make it ideal for a wide range of industrial applications.

Features:
- Redundant DC power supply
- Wide supply voltage range: 12 … 60 VDC
- DIP switches to set alarm functions
- Full compliance with IEEE 802.3, 802.3u and 802.3ab 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
- Integrated address look-up table, supports up to 8,000 absolute MAC addresses
- Overvoltage protection
- Prioritization of Profinet Ethernet Frame (EtherType=0x8892) according to IEEE802.1p

Description	Item No.	Pack. Unit
16-Port 1000Base-T Industrial Switch	**852-1106**	1

Approvals	
Conformity marking	CE
61010-2-201	pending

Technical Data	
Number of ports (copper)	16 x 10/100/1000Base-T (RJ-45)
Supported profiles	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
Switching mode	Non-blocking, store-and-forward switching
Redundancy functions	Redundant DC power supply
Configuration	DIP switch for signal contact
Diagnostics	Signal contact
Connection requirement (permissible cable type)	Cat. 5e
Connection requirement (permissible cable length)	100 m
Jumbo frame size	10,000 bytes
Supply voltage	12 … 60 VDC
Power consumption (max.)	12 W
Ambient temperature (operation)	−40 … +70 °C
Ambient temperature (storage)	−40 … +80 °C
Relative humidity	95 % non-condensing
Dimensions W x H x D	50 x 120 x 162
Mounting type	DIN-35 rail
Weight	920 g
Vibration resistance	per IEC 60068-2-6
Shock resistance	per IEC 60068-2-27
Protection type	IP30
EMC immunity to interference	per EN 61000-6-2
EMC emission of interference	per EN 61000-6-4