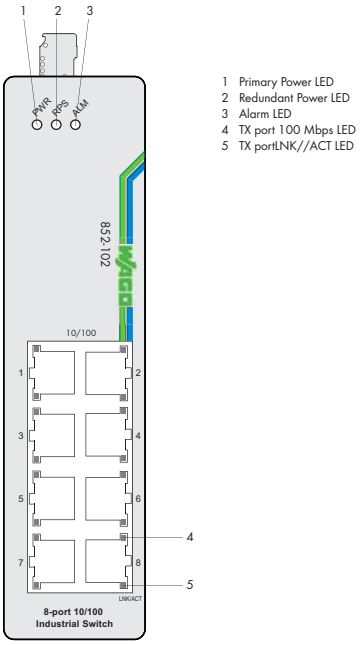
852-102

8-Port 100Base-TX Industrial Switch



1 Primary Power LED
2 Redundant Power LED
3 Alarm LED
4 TX port 100 Mbps LED
5 TX portLNK//ACT LED

The 852-102 Industrial Switch is an 8-port 10/100Base-TX ETHERNET switch. The switch has a rugged housing, a redundant power supply and function monitoring with relay, making it ideal for a wide range of applications.

Features:

- Redundant DC power supply
- Large supply voltage range: 9 V ... 48 V
- DIP switch enables alarm functions
- Full compliance with IEEE802.3, 802.3u stantards
- Non-blocking, store-and-forward switching
- Auto-negotiation on all 10/100Base-TX ports
- Auto-MDI/MDIX (crossover) on all 10/100Base-TX ports

Description	Item No.	Pack. Unit
8-Port 100Base-TX Industrial Switch	**852-102**	1

Approvals

Conformity marking	CE
Korea Certification	
UL 508	

Technical Data

Ports	8 x 10/100Base-TX (RJ-45)
Standards	IEEE 802.3u 100Base-TX;
	IEEE 802.3 10Base-T
Throughputs	14,880/148,800 packets per second
	(pps) to 10/100 Mbps ports
Maximum length	10/100Base-TX: 100 m
Supply voltage	9 V ... 48 V DC (line length < 3 m)
Energy consumption max.	5.28 W
Energy consumption typ. (24 V)	4.56 W
Operating temperature	-40°C ... +70°C
Storage temperature	-40 °C ... +80 °C
Relative air humidity (no condensation)	95 %
Dimensions (mm) W x H x L	50 x 120 x 162
	Height from upper-edge of DIN 35 rail
Weight	909 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