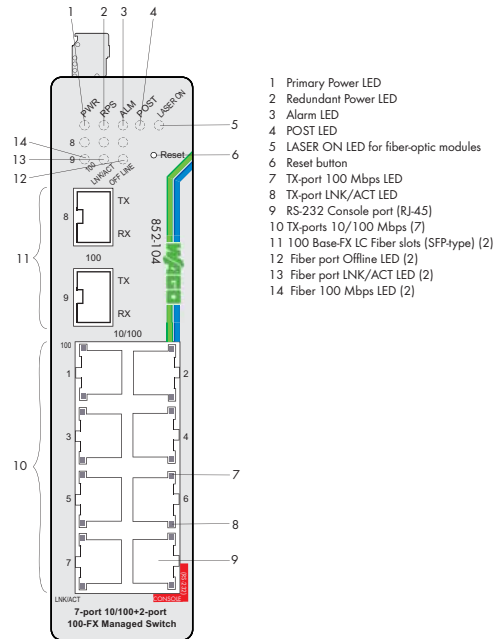


7-Port 100Base-TX + 2-Slot 100Base-FX Industrial Managed Switch




- 1 Primary Power LED
- 2 Redundant Power LED
- 3 Alarm LED
- 4 POST LED
- 5 LASER ON LED for fiber-optic modules
- 6 Reset button
- 7 TX-port 100 Mbps LED
- 8 TX-port LNK/ACT LED
- 9 RS-232 Console port (RJ-45)
- 10 TX-ports 10/100 Mbps (7)
- 11 100 Base-FX LC Fiber slots (SFPtype) (2)
- 12 Fiber port Offline LED (2)
- 13 Fiber port LNK/ACT LED (2)
- 14 Fiber 100 Mbps LED (2)

The 852-104 Industrial Switch is a 7-port 10/100Base-TX with dual SFP 100Base-FX port (SFP modules are optional) configurable ETHERNET switch. The switch has a rugged housing, a redundant power supply and function monitoring with relay. These functions along with extensive ETHERNET switch options make it ideal for a wide range of applications.

Features:

- Web-based/SNMP management
- Redundant DC power supply
- Large supply voltage range: 9 V ... 48 V

- DIP switch to enable alarm functions
- Full compliance with IEEE802.3, 802.3u, 802.3x, 802.1d, 802.1q, 802.1p standards
- Xpress Ring (redundant ring recovery < 50 ms)
- Non-blocking, store-and-forward switching
- Auto-negotiation on all 10/100Base-TX ports
- Auto-MDI/MDIX (crossover) on all 10/100Base-TX ports
- VLAN (802.1q) VID
- IGMP Snooping for multicast filtering
- Port configuration, status, statistics
- Port Trunking
- SNMP v1/v2 and RMON

Description	Item No
7/2-Port 100Base-TX/FX Industrial Managed Switch	852-104
Product discontinuation	Last Call: 31.12.2017
Product substitutes:	852-303
7/2-Port 100Base-TX/FX Industrial Managed Switch T	852-104/040-000
Extended temperature range: -40 °C ... +70 °C	
Product discontinuation	Last Call: 31.12.2017
Product substitutes:	852-303
Accessories	Item No.
SFP Module 2: 1310nm, 100Base-FX Multi-mode LC, 2 km	852-201/107-002
SFP Module 30: 1310nm, 100Base-FX Single-mode LC, 30 km	852-201/107-030
SFP Module 2 T: 1310nm, 100Base-FX Multi-mode LC, 2 km, T	852-201/040-002
(Extended temperature range: -40 °C ... +70 °C)	
Product discontinuation	Last Call: 31.12.2017
Product substitutes:	852-201/107-002
Approvals	
Conformity marking	CE
Korea Certification	
UL 508	to 60 °C (852-104/040-000)
Technical Data	
Operating temperature	0 °C ... +60 °C (852-104) -40 °C ... +70 °C (852-104/040-000)
Storage temperature	-20 °C ... +80 °C (852-104) -40 °C ... +85 °C (852-104/040-000)
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	1050 g

Technical Data	
Ports	7 x 10/100Base-TX (RJ-45); 2 x SFP 100Base-FX Fiber;
	1 x RS-232 (RJ-45)
Standards	IEEE 802.3u 100Base-TX/FX; IEEE 802.3ad Port Trunking; IEEE 802.3 10Base-T; IEEE 802.1d Spanning Tree Protocol; IEEE 802.3x Flow Control; IEEE 802.1p Priority Queues; IEEE 802.1q VLAN Tagging
MAC table	Up to 2K addresses
VLANs	Port-based and Tag-based (64VIDs)
Throughputs	14,880/148,800 packets per second (pps) to 10/100 Mbps ports
Wavelength (optical fibers)	depend on SFP module
Maximum length	10/100Base-TX: 100 m; Fiber optic: up to 30 km; RS-232: 15 m
Supply voltage	9 V ... 48 V DC (line length < 3 m)
Energy consumption max.	10.08 W
Energy consumption typ. (24 V)	8.4 W
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