

Data sheet | Item number: 852-1106

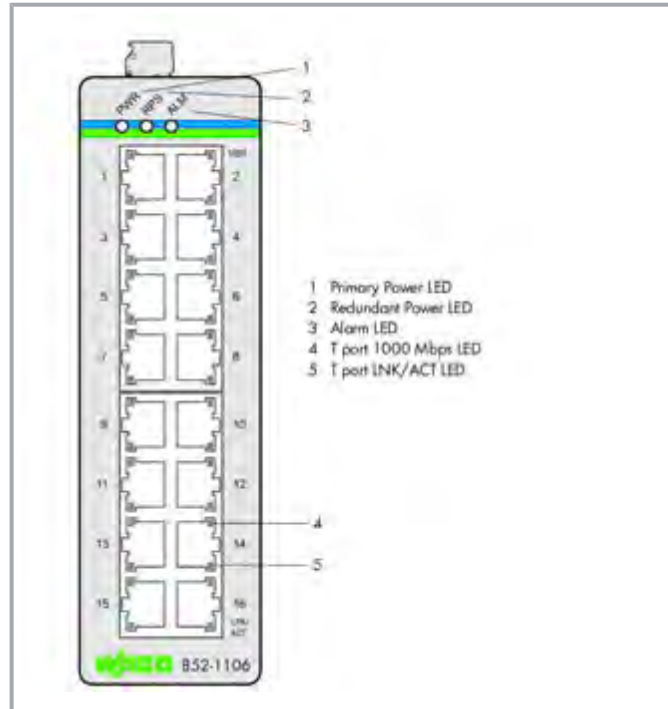
Industrial unmanaged switch; 16 - 10/100/1000 Mb/s RJ45 ports; extended temperature range



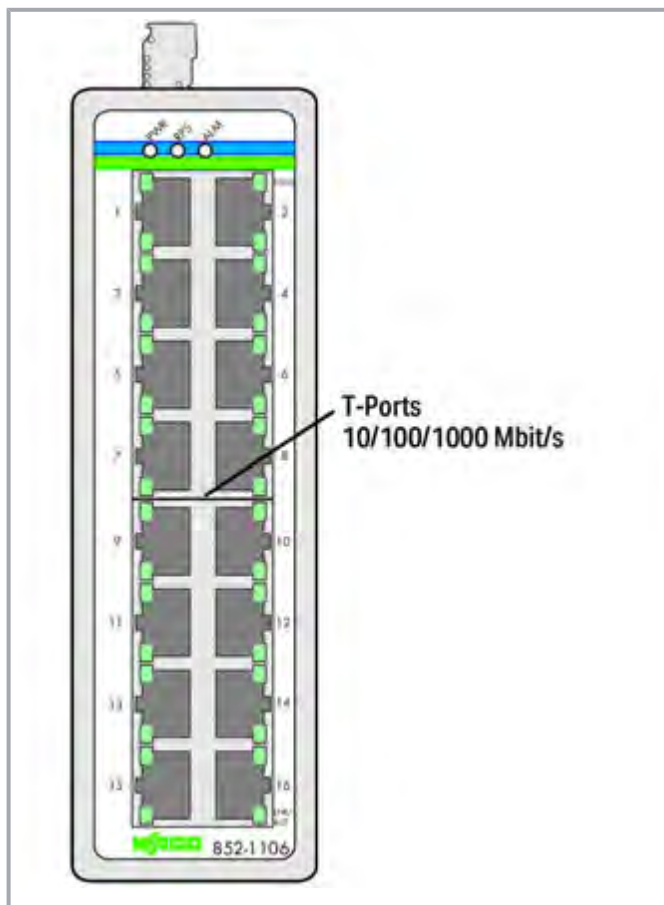
RoHS Compliant

BOMcheck.net

Color:



Subject to changes. Please also observe the further product documentation!



Item description

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
- 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 up to 8000 absolute MAC addresses

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Subject to changes. Please also observe the further product documentation!



- Overvoltage protection
- Prioritization of Profinet Ethernet data packets (EtherType=0x8892) per IEEE802.1p

Data

Technical data

Switching mode	Store-and-forward; non-blocking
Number of 1000BASE-T ports	16
Communication 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 Prioritization
Redundancy function	Redundant DC power supply
Configuration options	DIP switch for signal contact
Diagnostics	Signal contact
MAC table (size)	8000 addresses
Jumbo frame size	10000. Byte
Supply voltage	12 ... 60 VDC
Power consumption (max.)	12 W
Baud rate	Copper cable: 10/1000 Mbit/s
Transmission medium (communication/fieldbus)	Copper cable: Cat. 5e or higher, 100 m maximum cable length
Controls	2 x DIP switch: Alarm function power supplies
Indicators	Device: LED (PWR, RPS) green: Power supply (primary), redundant power supply (secondary); LED (ALM) red: Alarm; per port: LED (1000, LNK/ACT) green: Status 1000 Mbps, LNK/ACT ports 1 ... 16

Connection data

Connection technology: communication/fieldbus	Copper cable: 16 x RJ-45
Connection technology: supply	1 x Built-in male connector: 231-436/001-000; included female connector (MCS Connectors): 2231-106/026-000

Physical data

Width	50 mm / 1.969 inch
Height	162 mm / 6.378 inch
Depth	120 mm / 4.724 inch

Subject to changes. Please also observe the further product documentation!

Mechanical data

Weight	840 g
Color	metallic black
Housing material	Aluminum
Conformity marking	CE

Environmental requirements

Surrounding air temperature (operation)	-40 ... 70 °C
Surrounding air temperature (storage)	-40 ... 80 °C
Protection type	IP30
Relative humidity (without condensation)	95 %
Mounting type	DIN-35 rail
Vibration resistance	per IEC 60068-2-6
Shock resistance	per IEC 60068-2-27
EMC immunity to interference	per EN 61000-6-2
EMC emission of interference	per EN 61000-6-4

Commercial data

Packaging type	BOX
Country of origin	TW
GTIN	4055143604659
Customs tariff number	8517620090

Compatible products

transfer module



Item no.: 289-195

Interface module; RJ-45; IDC technology; Cat. 6; in mounting carrier; with shield connection

power supply



Item no.: 787-1102

EPSITRON® COMPACT power supply; single-phase; output voltage 24 VDC; 1.3 A; with picoMAX connector



Item no.: 787-1112

EPSITRON® COMPACT power supply; single-phase; output voltage 24 VDC; 2.5 A; with picoMAX connector



Item no.: 787-1122

EPSITRON® COMPACT power supply; single-phase; output voltage 24 VDC; 4 A; with picoMAX connector

Subject to changes. Please also observe the further product documentation!

**Item no.: 787-1602**

EPSITRON® CLASSIC power supply; single-phase; output voltage 24 VDC; 1 A

**Item no.: 787-1606**

EPSITRON® CLASSIC power supply; single-phase; output voltage 24 VDC; 2 A

**Item no.: 787-1622**

EPSITRON® CLASSIC power supply; single-phase; output voltage 24 VDC; 5 A

**Item no.: 787-1632**

EPSITRON® CLASSIC power supply; 1-phase; output voltage 24 VDC; 10 A

**Item no.: 787-1702**

EPSITRON® ECO power supply; single-phase; 24 VDC; 1.25 A; DIN and chassis mount options

**Item no.: 787-1712**

EPSITRON® ECO power supply; single-phase; 24 VDC; 2.5 A; DIN and chassis mount options

**Item no.: 787-1722**

EPSITRON® ECO power supply; single-phase; 24 VDC; 5 A; DIN and chassis mount options

wiring and connectors**Item no.: 750-976**

PROFINET RJ-45 connector, IP20; ETHERNET 10/100 Mbit/s; for field assembly

**Item no.: 750-977/000-011**

Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22

**Item no.: 750-977/000-012**

Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22

**Item no.: 750-977/000-013**

Connector PROFINET; RJ-45; Cat. 6A; straight; AWG 22

**Item no.: 750-977/000-021**

Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24

**Item no.: 750-977/000-022**

Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24

**Item no.: 750-978/000-011**

Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22; Strain relief

**Item no.: 750-978/000-012**

Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 22; Strain relief

Subject to changes. Please also observe the further product documentation!



	Item no.: 750-978/000-013 Connector PROFINET; RJ-45; Cat. 6A; straight; AWG 22; Strain relief
	Item no.: 750-978/000-021 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 24; Strain relief
	Item no.: 750-978/000-022 Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24; Strain relief
	Item no.: 750-979/000-011 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 22; Strain relief
	Item no.: 750-979/000-012 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 22; Strain relief
	Item no.: 750-979/000-013 Connector PROFINET; RJ-45; Cat. 6A; angled; AWG 22; Strain relief
	Item no.: 750-979/000-021 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568A; AWG 24; Strain relief
	Item no.: 750-979/000-022 Connector ETHERNET; RJ-45; Cat. 6A; angled; Code T568B; AWG 24; Strain relief

Downloads

Documentation

Manual

16-Port 1000BASE-T Industrial Switch	V 1.1.0 Dec 17, 2019	pdf 1.7 MB
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Bid Text

852-1106 X81 - Datei	Feb 19, 2019	xml 5.4 kB
852-1106 docx - Datei	May 9, 2018	docx 18.4 kB

System Description

Industrial Switches – General Product Information

Subject to changes. Please also observe the further product documentation!



Industrial Switches – General Product Information

pdf
2.0 MB

Additional Information

Disposal; Electrical and electronic equipment, Packaging

V 1.0.0

pdf
265.8 kB

CAD files

CAD data

2D/3D Models 852-1106

CAE data

EPLAN Data Portal 852-1106

ZUKEN Portal 852-1106

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 852-1106

Industrial-Switch; 16 Ports 1000Base-T; Extended temperature range; metallic black

Installation Notes

Subject to changes. Please also observe the further product documentation!
