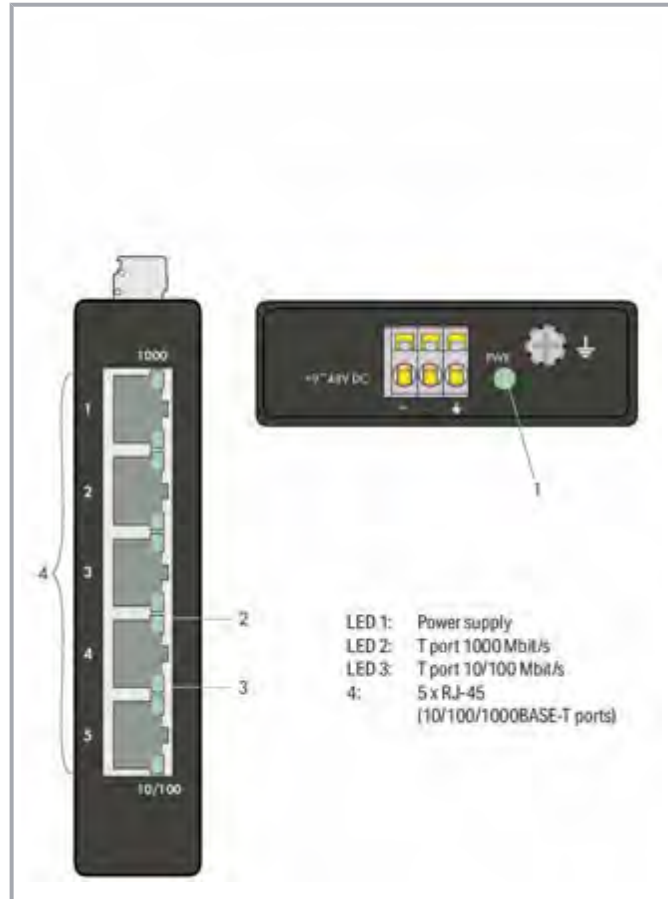


Data sheet | Item number: 852-1111

Industrial unmanaged ECO switch; 5 - 10/100/1000 Mb/s RJ45 ports



Color: ■

Item description

The 852-1111 Industrial ECO Switch is a 5-port 1000Base-T ETHERNET switch supporting autonegotiation and Auto-MDI-/MDI-X detection for each port.

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



Using the switch's 5 ports, several segments can be created to reduce the network load, while providing a dedicated bandwidth to each user node. The 852-1111 Switch is a cost-effect solution to keep up with the constant demands of IP-based, industrial communication needs.

This switch is easy to configure and install and is best suited for small to medium-sized networks.

Features:

- 5 ETHERNET ports, 10/100/1000 Mbps autonegotiation
- Front-panel diagnostic LEDs
- Supports Auto-MDI/MDI-X functions
- Full/half-duplex transfer modes for each port
- Store-and-forward switching method
- Integrated address look-up table, supports up to 8000 absolute MAC addresses
- Overvoltage protection
- IEEE 802.3x flow control in full-duplex mode
- Prioritization of Profinet Ethernet data packets (EtherType=0x8892) per IEEE802.1p
- DIN-35 rail mounting

Data

Technical data

Switching mode	Store-and-forward; non-blocking
Number of 1000BASE-T ports	5
Communication standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3x Flow Control IEEE 802.1p Prioritization
MAC table (size)	8000 addresses
Jumbo frame size	9000. Byte
Supply voltage	9 ... 48 VDC
Power consumption without PoE	3 W
ESD (contact/air discharge)	4 KV / 8 KV
Baud rate	Copper cable: 10/1000 Mbit/s
Transmission medium (communication/fieldbus)	Copper cable: Cat. 5 or higher, 100 m maximum cable length
Topology	Star
Indicators	Device: LED (PWR) green: Power supply; per port: LED (100, 1000) green: Status 100 Mbps, 1000 Mbps ports 1 ... 5

Connection data

Connection technology: communication/fieldbus	Copper cable: 5 x RJ-45
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Subject to changes. Please also observe the further product documentation!



Connection technology: supply

1 x Built-in male connector: 231-433/001-000; included female connector (MCS Connectors): 231-103/026-000

Physical data

Width	23.4 mm / 0.921 inch
Height	109.2 mm / 4.299 inch
Depth	73.8 mm / 2.906 inch
Depth from upper edge of DIN-rail	81 mm / 3.189 inch

Mechanical data

Weight	190 g
Color	black
Housing material	Sheet steel
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

Commercial data

Product Group	27 (Special components I/O)
PU (SPU)	1 Stück
Packaging type	box
Country of origin	TW
GTIN	4050821808916
Customs tariff number	8517620090

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	EAC	TP TC 020/2011	EAC RU C-

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



Brjansker Zertifizierungsstelle

DE.AM02.
B.00087
/19

" "	KC National Radio Research Agency	Article 58-2, Clause 3	MSIP- REM-W43- ISW852
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Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	DNV GL Det Norske Veritas, Germanischer Lloyd	DNVGL-CG-339, Nov. 2016	TAA0000239

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-2-201	E175199

Optional accessories

Power supplies

Power supply	
	Item no.: 787-1722 EPSITRON® ECO power supply; single-phase; 24 VDC; 5 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.: 787-1702 EPSITRON® ECO power supply; single-phase; 24 VDC; 1.25 A; DIN and chassis mount options
	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.: 787-1226**

EPSITRON® COMPACT power supply; single-phase; output voltage 24 VDC; 6 A; with pluggable picoMAX connector

Interface module

Interface module

**Item no.: 289-195**

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

Item no.: 289-175

Interface module; RJ-45; PCB terminal blocks, double-row; Cat. 5; in mounting carrier; with shield connection; with shield clamping saddle; 1,50 mm²

**Item no.: 289-172**

Interface module; RJ-45; Cat. 5; in mounting carrier

**Item no.: 289-196**

Interface module; RJ-45; with power jumper contacts; PCB terminal blocks; Cat. 5

Cables and pluggable connectors

Connector plug

Item no.: 750-975

RJ-45 connector; IP20; ETHERNET 10/100 Mbit/s

Item no.: 750-976

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

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

Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; 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.: 750-978/000-021**

Connector ETHERNET; RJ-45; Cat. 6A; straight; 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

**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

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



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.: 750-977/000-011
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22



Item no.: 750-978/000-013
Connector PROFINET; RJ-45; Cat. 6A; straight; AWG 22; Strain relief



Item no.: 750-978/000-011
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568A; AWG 22; Strain relief



Item no.: 750-977/000-022
Connector ETHERNET; RJ-45; Cat. 6A; straight; Code T568B; AWG 24



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

Downloads

Documentation

Manual

5-Port 1000BASE-T Industrial ECO Switch

V 1.4.0
Dec 17, 2019

Bid Text

852-1111
X81 - Datei

Feb 19, 2019

852-1111

Oct 9, 2017

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



doc - Datei

ausschreiben.de 852-1111

System Description

Industrial Switches – General Product Information

Additional Information

Disposal; Electrical and electronic equipment, Packaging

V 1.0.0

CAD files

CAD data

2D/3D Models 852-1111

CAE data

EPLAN Data Portal 852-1111

WSCAD Universe 852-1111

ZUKEN Portal 852-1111

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 852-1111

Industrial-ECO-Switch; 5-port 1000Base-T; black

Installation Notes

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