

Article description

The 852-111 is a 5-port 10/100Base-TX industrial ETHERNET switch supporting Auto-Negotiation and Auto-MDI-/MDI-X detection for each port.

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 852-111 switch is a cost-effective solution to keep up with the constant demands of IP-based, industrial communication needs.

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

Features:

- 5 ETHERNET ports, 10/100 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 2000 absolute MAC addresses
- Overvoltage protection
- IEEE 802.3x flow control in full-duplex mode

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- DIN-35 rail mounting

Data

Commercial data

Packaging type	BOX
Country of origin	TW
GTIN	4045454847593
Customs Tariff No.	8517620000
Product Group	27 (Special components I/O)

Technical Data

Topology	Star
Profiles supported	IEEE 802.3 10Base-T; IEEE 802.3u 100Base-TX/FX; IEEE 802.3x Flow Control
Number of 100Base-TX ports	5
Switchingmodus	Store-and-Forward, non-blocking
Jumbo Frame Size	1536 Byte
MAC table (large)	2000 addresses
Baud rate	10/100 Mbit/s
Transmission medium	Copper cable
Supply voltage	DC 18 ... 30 V
Energy consumption max.	3W
Indicators	Device: LED (PWR) green: Power supply; per port: LED (100, LNK /ACT) green: Status 100 Mbps, LNK/ACT port 1 ... 5

Connection data

Anschluss technik: Kommunikation/Feldbus	5 x RJ-45
Anzahl Anschlüsse: Versorgung	1
Anschluss technik: Versorgung	3-polige Stiftleiste

Geometrical Data

Width	23.4 mm / 0.921 Inch
Height from upper-edge of DIN-35 rail	73.8 mm / 2.906 Inch
Depth	109.2 mm / 4.299 Inch

Mechanical data

Type of mounting	DIN-35 rail
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Material Data

Color	black
Housing material	Sheet steel
Fire load	5.28 MJ
Weight	352 g

Environmental Requirements

Ambient temperature (operation)	-40 ... 70 °C
Ambient temperature (storage)	-40 ... 80 °C
Relative air humidity (no condensation)	95 %

Ship Approvals

Logo	Registration	Certificate-Name
	DNV DNV Germany GmbH	A-14050

Subject to changes.