

# SWITCH 1016TX

Unmanaged Industrial Switch 16 x 10/100 RJ45



## 16-port unmanaged Industrial Fast Ethernet Switch

The 16-port industrial Fast Ethernet switch of SALZ Automation is an unmanaged industrial 100Mbit Ethernet switch specifically designed to suit your heavy industrial environments. Well protected in a rugged IP30 grade housing, the switch ensures dependable and uninterrupted operations even in harsh environments, making it an ideal networking solution for Industrial applications. The SWITCH 1016TX is equipped with 16 x 10/100-BASE-TX ports and supports Fast Ethernet with VLAN support, Storm Control and Flow Control to achieve greater flexibility, stability and thus availability in your network.

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## ORDER DETAILS

**Function:** 16 x 10/100 RJ45 unmanaged ports, storm-, flow control, VLAN support, 18 ... 56 V DC, with protection against power surge, over-current, high-vibration

**SKU/Order No.:** SA-1016-TX-01-00



# Features



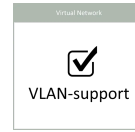
## Flow Control

When using the Flow Control technology, the receiving device can send a so-called PAUSE frame. This causes the transmitter to stop sending new data. The result is a reduction in frame dropping, which reduces network load and increases availability.



## Storm Control

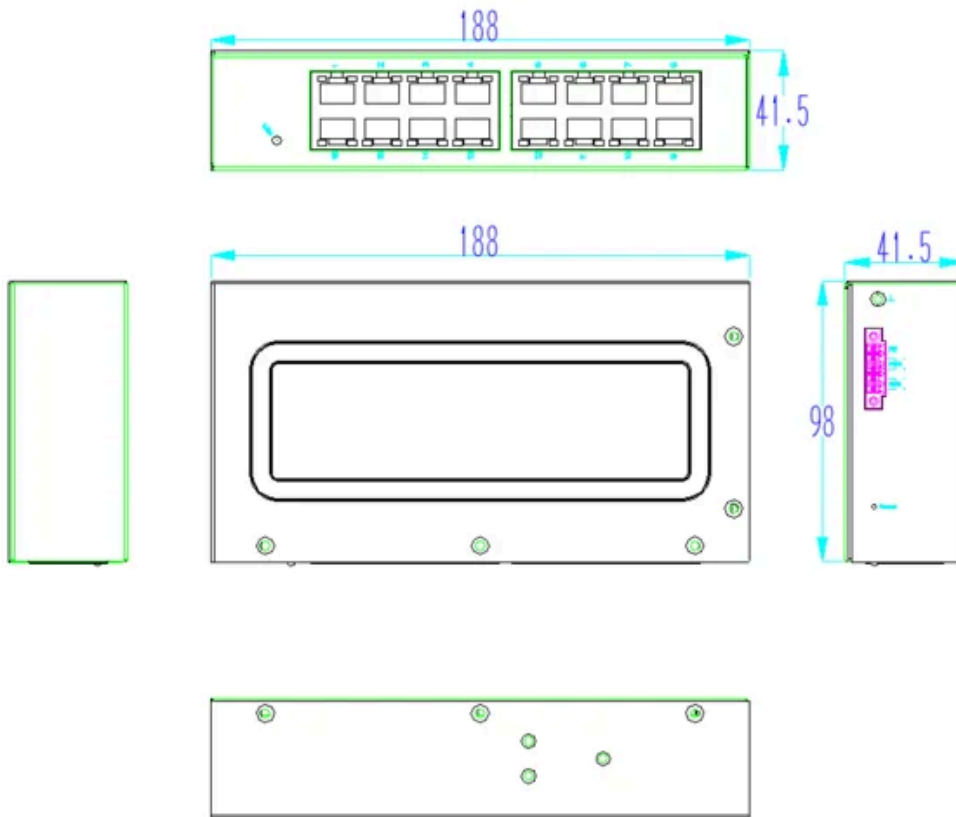
The switch counts the number of packages of a specified type received within a defined time interval and compares the measurement with a predefined threshold.



## VLAN-support

A VLAN (Virtual Local Area Network) separates a physical network into virtual subnets. The main advantage of using VLAN is the reduction of the overall communication load and the possibility to prioritize the subnets differently.

## Mechanical Dimensions



## Technical Data

### IEEE Standards

IEEE 802.3	10Base-T
IEEE 802.3U	100Base-TX
IEEE 802.3	Nway Auto-negotiation
IEEE 802.3X	Flow Control

### Interface

Ports (RJ45)	16 x 10/100Base-TX
LED Panel	PWR, 100, LNK/ACT

### Switch Features

Jumbo Frame Size	2048 Bytes
MAC Table size	1 k
Throughput	14,880 pps to 10 Mbps ports; 148,800 pps to 100 Mbps ports
Switch Fabric	2 Gbps

### Input Data

Input Voltage Range DC	18 ... 56 V
Input Current (typ.)	0.3 A

### Mechanical Data

Housing	Aluminium
Mounting DIN Rail according EN 60715	TH35
Weight (typ.)	600 g

### Ambient Condition

Ambient Temperature (operating)	-40 °C ... 75 °C
Ambient Temperature (storage/transport)	-40 °C ... 85 °C
Operating Humidity (non-condensing)	5 ... 95 % RH
Storage Humidity (non-condensing)	5 ... 95 % RH

### Dimensions

Width (mm)	41.5 mm
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Depth (mm)	98 mm
Height (mm)	188mm

### Standards and Regulations

Environmental Management Systems (EMS)	EN 55024; EN 61000- 6- 2; EN 61000- 4- 2 ( ESD ) : Level 3; EN 61000_x005f_x005f_x005f_x005f_x005f_x005f_x0002_4- 3 ( RS ) : Level 3; EN 61000- 4- 4 ( Burst ) : Level 3; EN 61000- 4- 5 ( Surge ) : Level 3; EN 61000- 4- 6 ( CS ) : Level 3
Electromagnetic Interference (EMI)	EN 55032 class B; EN 61000-6-4
Vibration	IEC 60068-2-27
Shock Test	IEC 60068-4-11 (Criterion B)
Free-fall Test	IEC 60068-2-6
RoHs	Yes

### Commercial Data

Customs Tariff Number	85176200
GTIN	4262552160663