

# SWITCH 1008TX

## Unmanaged Industrial Switch 8 x 10/100 RJ45



### 8-port unmanaged Industrial Fast Ethernet Switch

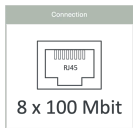
The 8-port industrial Fast Ethernet switch of SALZ Automation is an unmanaged industrial 100Mbit Ethernet switch specifically designed to suit your heavy industrial environments. Well protected in a rugged IP30 grade housing, the switch ensures dependable and uninterrupted operations even in harsh environments, making it an ideal networking solution for Industrial applications. The SWITCH 1008TX is equipped with 8 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.

### ORDER DETAILS

**Function:** 8 x 10/100 RJ45 unmanaged ports, storm-, flow control, VLAN support, 12 ... 48 V DC  
**SKU/Order No.:** SA-1008-TX-01-00



# Features



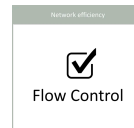
## 8 x 100 Mbit RJ45 Ports

8 x 100 Mbit RJ45 Ports



## 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.



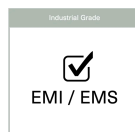
## Flow Control

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.



## 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.



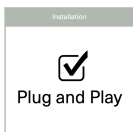
## Industrial Grade EMI/EMS

The Switch need to be robust enough to handle harsh field site conditions, which can include high-voltage transients, severe shock and vibration, and extremely high temperatures.



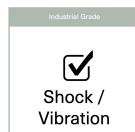
## IP30 Metal Housing Protection

Rugged IP30 grade aluminum housing to withstand highest vibration, heavy shocks, humidity and extreme temperatures.



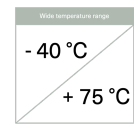
## Easy Installation "plug-n-play"

Featuring Auto-MDI/MDIX and Auto-negotiation on all ports, the Switch automatically detects and configures the best mode of operation over a link. This eliminates the need of user setup or configuration procedure and simplifies installation.



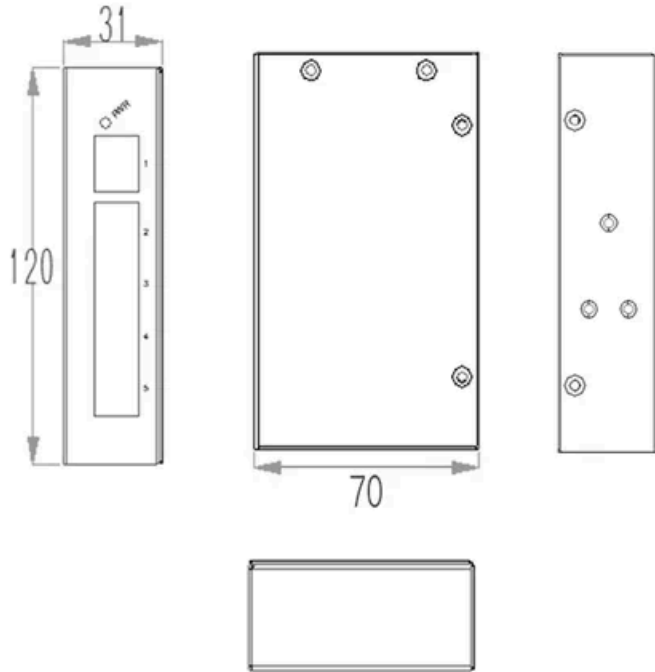
## Shock/Free-fall/Vibration Approval

According IEC 60068 all tests approved



## Wide Temperature Range

# 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
IEEE 802.1Q	VLAN Support

### Interface

Ports (RJ45)	8 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.)	310 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
Depth (mm)	88 mm
Height (mm)	120 mm

## Standards and Regulations

Electromagnetic Interference (EMI)	EN 55032 class B; EN 61000-6-4
Environmental Management Systems (EMS)	EN 55024; EN 61000-6-2; EN 61000-4-2 ( ESD ) : Level 3; EN 61000-4-3 ( RS ) : Level 3; EN 61000-4-4 ( Burst ) : Level 3; EN 61000-4-5 ( Surge ) : Level 3; EN 61000-4-6 (CS): Level 3; IEC61000-4-8(PFMF)
Shock Test	IEC 60068-2-27
Free-fall Test	IEC 60068-4-11 (Criterion B)
Vibration	IEC 60068-2-6
RoHs	Yes

## Commercial Data

Customs Tariff Number	85176200
GTIN	4262552160656