



industrial switch

# SISTF1010-2x0-LRT

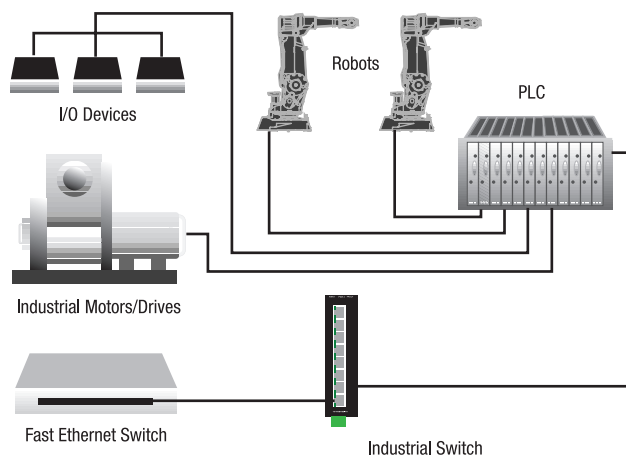
## Industrial Class 1 Div 2 Certified Switch



### Features

- ▶ Auto-Negotiation
- ▶ AutoCross™ [
- ▶ Store-and-Forward Switching Architecture with MAC Address Table
- ▶ Extended (-40°C to 75°C) operating temperature
- ▶ Dry Contact Relay Alarm Output
- ▶ Dual, Redundant DC Power Inputs
- ▶ DIN Rail Mounting and Wall Mount Brackets Included
- ▶ Reverse Polarity Power Input Protection
- ▶ Overload Current Protection
- ▶ DIN Rail Mounting and Wall Mount Brackets Included
- ▶ Barrel connector interface cable included for connecting external AC/DC power supply
- ▶ Class 1 Div 2 Certified

### Utilize Ethernet Connectivity in Industrial Automation



### Specifications

Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x
Data Transfer Rate	Copper: 10/100 Mbps, 14,880 pps/148,800 pps
Filtering Addresses	2K MAC Address Table
Backplane	<b>-250 model:</b> 1.0 Gbps <b>-280 model:</b> 1.6 Gbps
Status LEDs	<b>PWR 1 (Power):</b> ON = primary power connected <b>PWR 2 (Power):</b> ON = backup power connected FAULT, per port: LNK/ACT, FDX/COL
Dimensions	Width: 1.2" [30 mm] Depth: 3.7" [95 mm] Height: 5.5" [140 mm]
Ingress Protection	IP 30
Input Power	12 - 48 VDC; redundant power with reverse polarity protection and removable terminal block
Overload Current Protection	Present
Power Consumption	<b>-250 models:</b> 2.93 Watts <b>-280 models:</b> 4.71 Watts
Environment	-40 to +75°C Ext. operating temp. 5%– 95% humidity non-condensing 0 – 10,000 ft. altitude -40 to +85°C storage temp.
Shipping Weight	1.4 lbs. [0.64 kg]
Safety Compliance	UL, cUL, CE/EN60950-1 UL Class 1 Div 2 for hazardous environments
EMI Compliance	CISPR22/EN55022; EN60950 Class A; FCC Class A; CE Mark; CE EN61000-4-2; CE EN61000-4-3; CE EN-61000-4-4; CE EN61000-4-5; CE EN61000-4-6; CE EN61000-4-8; CE EN61000-4-11; CE EN61000-4-12; CE EN61000-6-2; CE EN61000-6-4
Environmental Compliance	IEC60068-2-32 (Free fall); IEC60068-2-27 (Shock); IEC60068-2-6 (Vibration); IEC60068-2-3, IEC60068-2-30, IEC60068-2-31

Warranty



### Ordering Information

Extended Operating Temperature  
-40°C to +75°C

**SISTF1010-250-LRT (extended temp)**  
(5) 10/100BASE-TX (RJ-45)  
[100 m/328 ft.]

**SISTF1010-280-LRT (extended temp)**  
(8) 10/100BASE-TX (RJ-45)  
[100 m/328 ft.]

Optional Accessories (sold separately)

External AC/DC Power Supply

**SPS-UA12DHT**

(100-240 VAC input  
0°C to +70°C operating temperature)

**25083**

Universal AC/DC Input DIN Rail Mountable  
+12 VDC Power Supply

### Industrial Switch Certified for use in Hazardous Locations

Transition's Industrial Switches with Class 1 Div 2 Certification are hardened devices designed to reliably operate in harsh environments such as those found on factory floors, outdoor enclosures, oil and gas refining, chemical plants or other hazardous environments.