

SISTF1010-2x0-LRT

Unmanaged Hardened Fast Ethernet Switch

(5) 10/100Base-TX Ports or (8) 10/100Base-TX Ports



SISTF1010-250-LRT

SISTF1010-280-LRT

The SISTF1010-2x0-LRT switch family contains simple “Plug-and-Play” multi-port switches used at the edge of a hardened network to provide connections for devices in hazardous locations. These switches are Class 1, Div 2 certified, have redundant input power connections, and a fault alarm relay to ensure safe reliable operation in temperatures between -40°C and +75°C.

Transition Networks’ hardened switches are certified to operate reliably in harsh environments such as those found on factory floors, outdoor enclosures or other hazardous environments.

Ordering Information

SISTF1010-250-LRT
(5) 10/100Base-TX (RJ-45)
[100 m/328 ft.]

SISTF1010-280-LRT
(8) 10/100Base-TX (RJ-45)
[100 m/328 ft.]

Optional Accessories (sold separately)

External AC/DC Power Supply

SPS-UA12DHT
Input: 90 ~ 240 VAC
Output: 12 VDC, 1.3A, 18 Watts

25083
Input: 85-264 VAC, 120-370VDC
Output: 10.8 ~ 13.2 VDC, 2A, 24 Watts

Switches

Features

- Auto-Negotiation
- Auto-MDI/MDIX
- Store-and-Forward Switching Architecture with MAC Address Table
- Extended operating temperature (-40°C to 75°C)
- 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
- Barrel connector interface cable included for connecting external AC/DC power supply
- Class 1, Div 2 Certified

Specifications

Standards	IEEE 802.3 IEEE 802.3u IEEE 802.3x
Status LEDs	PWR 1 (Power): ON = primary power connected PWR 2 (Power): 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]
Power Consumption	2.93 Watts (-250 model) 4.71 Watts (-280 model)
Power Input	12 - 48 VDC; redundant power with reverse polarity protection and removable terminal block
Ingress Protection	IP30
Environment	Operating: -40°C to 75°C Storage: -40° to 85°C Humidity: 5% to 95% (non-condensing) Altitude: 0 - 10,000 ft.
Weight	1.4 lbs. [0.64 kg]
Compliance	Safety: UL, cUL, CE/EN60950-1 UL Class 1, Div 2 for hazardous environments 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, IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration), IEC60068-2-3, IEC60068-2-30, IEC60068-2-31
Warranty	Lifetime