

Industrial Switch

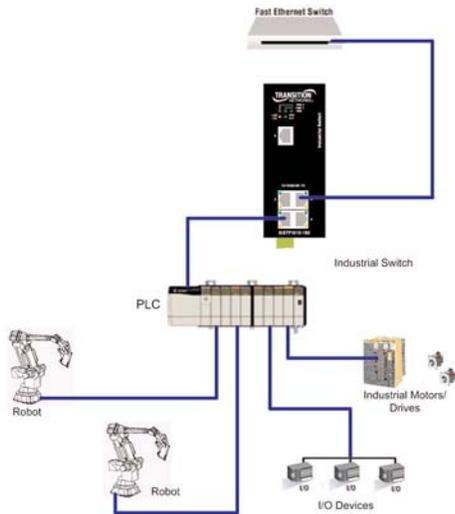


Transition Networks's Industrial Switches are hardened devices designed to reliably operate in harsh environments such as those found on factory floors, outdoor enclosures or other hazardous environments.

Features

- ▶ Auto-Negotiation
- ▶ AutoCross™
- ▶ Standard (0°C to 60°C) or Extended operating temperature (-40°C to 75°C)
- ▶ Dry Contact Relay Alarm Output
- ▶ Dual Auto-Sensing Redundant DC Power Inputs
- ▶ DIN Rail Mounting and Wall Mount Brackets Included
- ▶ Barrel connector interface cable included for connecting external AC/DC power supply

Utilize Ethernet Connectivity in Industrial Automation



Ordering Info

Standard Operating Temperature: 0°C to +60°C
Extended Operating Temperature: -40°C to +75°C

SISTF1010-150-LR (standard temp)
SISTF1010-150-LRT (extended temp)
(5) 10/100BASE-TX (RJ-45)
[100 m/328 ft.]

SISTF1010-180-LR (standard temp)
SISTF1010-180-LRT (extended temp)
(8) 10/100BASE-TX (RJ-45)
[100 m/328 ft.]

SISTF1010-1x0-LRx



Specifications

| | |
|--------------------------|---|
| Standards | IEEE Std. 802.3™, 802.3u™, 802.3x™ |
| Status LEDs | PWR (Power): ON = unit has power connected PWR 1 (Power): ON = primary power connected PWR 2 (Power): ON = backup power connected LNK/ACT (ports 1 – 8): ON = Link; FLASHING = data transmitting FDX/COL (ports 1 – 8): ON = Full duplex mode; FLASHING = collisions occurring |
| Data Transfer Rate | 10BASE-T: 14,880 pps 100BASE-TX: 148,800 pps |
| MAC Addresses | -150 models: 1K -180 models: 2K |
| Data Memory Buffer | -150 models: 512Kb -180 models: 1Mb |
| Backplane | -150 models: 1.0 Gbps -180 models: 1.6 Gbps |
| Dimensions | Width: 2.1" [54 mm] Depth: 4.1" [105 mm] Height: 5.3" [135 mm] |
| Ingress Protection | IP 31 |
| Input Power | 12 to 48 VDC; 0.2A; redundant inputs with reverse polarity protection Additional barrel connector |
| Power Consumption | -150 models: 2.8 Watts -180 models: 4.6 Watts |
| Environment | 0 to +60°C standard operating temperature; -40 to +75°C extended operating temperature; 5% – 95% humidity non-condensing; 0 – 10,000 ft. altitude -40 to +85°C storage temperature |
| Shipping Weight | 2 lbs. [0.90 kg] |
| Safety Compliance | UL 60950; UL508; CSA C22.2 no 60950 |
| EMI Compliance | CISPR22/EN55022; EN60950 Class A; FCC Class A; CE Mark; EN61000-4-2; EN61000-4-3; EN61000-4-4; EN61000-4-5; EN61000-4-6 |
| Environmental Compliance | IEC60068-2-32 (Free fall); IEC60068-2-27 (Shock); IEC60068-2-6 (Vibration) |
| Warranty | Lifetime |