

industrial media converter

SISTG10xx-211-LRT

(1) 10/100/1000Base-T port to (1) 1000Base-X Port

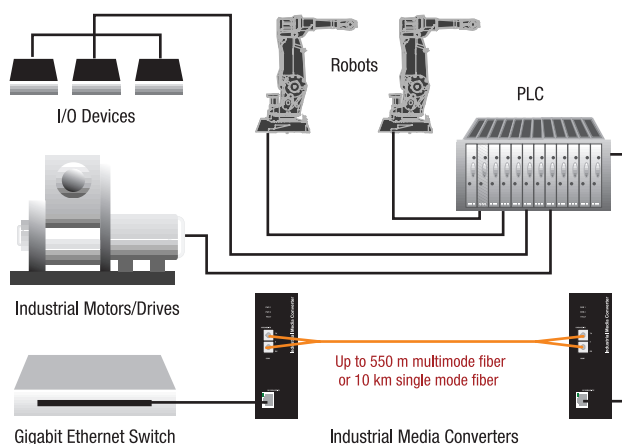


Transition Networks' Industrial Media Converters are hardened devices designed to reliably operate in harsh environments such as those found on factory floors, outdoor enclosures or other hazardous environments.

Features

- ▶ Auto-Negotiation
- ▶ AutoCross™
- ▶ Link Pass Through
- ▶ Extended (-40°C to 75°C) operating temperature
- ▶ Dry Contact Relay Alarm Output
- ▶ Dual, Redundant, Auto-Sensing 12-48 VDC Power Inputs
- ▶ 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

Extend Network Distance in Industrial Applications



Specifications

Standards	IEEE 802.3, IEEE 802.3ab, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z
Data Rate	Copper: 10/100/1000 Mbps Fiber: 1000 Mbps SFP: 1000 Mbps
Status LEDs	PWR 1 (Power): ON = primary power connected PWR 2 (Power): ON = backup power connected FAULT: ON = power input failure on PWR1 or PWR2 1000M (port 1): ON = Linked at 1000 Mbps LNK/ACT (ports 1-2): ON = Link; FLASHING = data transmitting
Dip Switches	1: Enable/Disable Power Alarm 2: Enable/Disable Link Pass Through
Dimensions	W: 1.2" [30 mm] D: 3.7" [95 mm] H: 5.5" [140 mm]
Ingress Protection	IP30
Input Power	12 to 48 VDC, 0.2A-0.5A, redundant inputs with reverse polarity protection; Additional barrel connector
Fault Output	Relay output contacts, 1A@24VDC load capacity
Power Consumption	5.3 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	1.3 lbs. [0.59 kg]
Safety	UL, cUL, CE/EN60950-1; Class 1 Div 2 for hazardous environments
EMI	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
Environment Compliance	IEC60068-2-32 (Free fall); IEC60068-2-27 (Shock); IEC60068-2-6 (Vibration)
Warranty	Lifetime

Ordering Information

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

SISTG1013-211-LRT

10/100/1000BASE-T (RJ-45)
[100 m/328 ft.]
to 1000BASE-SX 850nm MM (SC)
[62.5/125 µm: 220 m/722 ft.]
Link Budget: 7.0 dB
[50/125µm: 550 m/1804 ft.]
Link Budget: 10.0 dB

SISTG1014-211-LRT

10/100/1000BASE-T (RJ-45)
[100 m/328 ft.]
to 1000BASE-LX 1310nm SM (SC)
[10 km/6.2 mi.] Link Budget: 10.5 dB

SISTG1040-211-LRT

10/100/1000BASE-T (RJ-45)
[100 m/328 ft.]
to 1000BASE-X SFP slot (empty)

Optional Accessories (sold separately)

SFP Modules

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