

SI-IES-111D-LRT

Unmanaged Hardened PoE+ Injector/Converter

(1) 100/1000Base-X SFP Port + (1) 10/100/1000Base-T PoE+ Port



The SI-IES-111D-LRT is an unmanaged hardened PoE+ injector that adds up to 30 Watts of power on a network segment. The gigabit speed SFP port provides the ultimate flexibility by allowing fiber SFP uplink ports with varying communication distances. Injectors are commonly used to power PoE devices in locations where a power source does not exist. The injector has 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 PoE injectors are certified to operate reliably in harsh environments such as those found on factory floors, outdoor enclosures or other challenging environments.

Ordering Information

SI-IES-111D-LRT

(1) 100/1000Base-X SFP Port
+ (1) 10/100/1000Base-T PoE+ Port

Optional Accessories (sold separately)
Industrial Power Supplies:

25131

Input: 88-264VAC, 124-370VDC
Output: 48-55VDC, 1.6A, 76.88Watts

Features

- IEEE 802.3at PoE+ to supply 30 Watts per port
- IEEE 802.3af Compatible
- Supports dual speed for SFP slot
- Non-blocking architecture
- Compact size
- IP31 housing protection
- Link Pass Through
- Extended operating temperature (-40°C to 75°C)
- DIN Rail mount / optional wall mount brackets included
- Supports full/half duplex flow control
- Supports Auto-MDI/MDI-X
- Supports auto-negotiation
- Supports store-and-forward transmission

Specifications

Standards	IEEE 802.3 IEEE 802.3x IEEE 802.3u IEEE 802.3ab IEEE 802.3at IEEE 802.3z IEEE 802.3af
Connectors	(1) DATA IN SFP Ethernet Port (1) DATA OUT PoE+ RJ-45 Ethernet Port 30 Watts
Status LEDs	PWR1(Power): ON=primary power connected PWR2(Power): ON=backup power connected PoE+ Port Link/ACT PoE+ Port Gigabit Transmission SFP Port Link/ACT
Dimensions	Width: 1.44" [36.7 mm] Depth: 3.72" [94.5 mm] Height: 4.26" [108.4 mm]
Power Consumption	3.53 Watts (No PoE) 32.725 Watts (1 port PoE)
Power Input	48-57VDC Higher Voltage (50-53VDC) may be required for some high powered PD loads
Ingress Protection	IP31
Environment	Operating: -40°C to 75°C Storage: -40°C to 85°C Humidity: 5% to 95% (non-condensing) Altitude: 0 – 10,000 ft.
Weight	1.3 lbs. [0.59 kg]
Compliance	Safety: UL508 FCC Class A, CE Mark, EN61000-4, EN61000-6-2, EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6(CS) EN61000-4-8 (Magnetic Field), EN61000-6-4 (EMC), IEC60068-2-27(Shock), IEC60068-2-32 (Free fall), IEC60068-2-6 (Vibration) IEC61850-3
Warranty	Lifetime