

# POE20U High-Power, Single-Port Injector

## 19.6 WATT POWER OVER ETHERNET ADAPTER

### Product Features

- Fully Compliant Detection, Disconnect, Overload and Voltage Control (IEEE802.3af)
- UNH-IOL Test Report
- Diagnostic LEDs
- Full Protection
  - Overcurrent Protection (OCP)
  - Overvoltage Protection (OVP)
- Nonvented Case



The **POE20U** Power over Ethernet (PoE) single port power injector is designed to meet the demanding data rate and power requirements of IP cameras with high-quality streaming video capabilities. The injector offers total output power of 19.6 W, which meets the IEEE 802.3af standard for detection, connection, disconnection, and fault protection.

The **POE20U** power injector is compatible with 10/100Base-T systems and systems up to 1000 Mbps. AC input voltage ranges from 90–264 VAC with input frequency from 47–63 Hz. Maximum output load current is 350 mA and O/P voltage is 56 VDC.



# TECHNICAL SPECIFICATIONS

## MODEL

POE20U High-power, single-port PoE injector

## ELECTRICAL

Input Voltage	90–264 VAC
Input Voltage Rating	100–240 VAC
AC Input Current	0.5 A (RMS) maximum for 90 VAC 0.35 A (RMS) maximum for 240 VAC
Leakage Current	0.25 mA maximum at 254 VAC, 60 Hz
AC Input Frequency	47–63 Hz
AC Inrush Current	15 A (RMS) maximum for 115 VAC 20 A (RMS) maximum for 230 VAC
Total Output Power	19.6 W
Efficiency	65% (typical) at maximum load; 120 VAC, 60 Hz
Hold-up Time	16 milliseconds minimum; 120 VAC and maximum load
Transient O/P Voltage Protection	60 V maximum at switch; on and off at any AC line phase
Over Voltage/Current, Short Circuit Protection	Outputs equipped with short circuit protection and overload protection according to 802.3af specification; the output can be shorted permanently without damage
Input Connectors	IEC320 inlet 3-pin

## FRONT PANEL INDICATORS/FUNCTIONS

Input Power	Green
Fault Indicator	Red
Valid 802.3af Connection Load	Green

## ENVIRONMENTAL

Operating Temperature	32° to 104°F (0° to 40°C)
Storage Temperature	-13° to 149°F (-25° to 65°C)
Maximum Humidity Gradient	5% to 90%

## CERTIFICATIONS

- CE, Class B
- FCC, Class B
- UL/cUL Listed



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