

PoE INJECTOR **HF-POE20-AC/DC-O**



Product Description

HF-POE20-AC/DC is a Gigabit PoE Injector that combines power and data and delivers them to a powered device over one Ethernet cable. Designed for power-hungry devices, the POE-20 injector provides up to 35 watts, HIGHER than the conventional PoE injectors. It features LED indicator for PoE management. It is available with Universal AC Input as also Wide Range DC input. The -5 to 55 deg C wide temperature range design makes the HF-POE20 perfect for operating in critical industrial environments. The outdoor version is available with IP55 Chassis and is suitable for Outdoor Environments.

HF-PoE20-AC
Outdoor PoE Injectors



HF-PoE20-DC Outdoor PoE Injectors



Features

- Gigabit PoE Injector
- LED Indicators for PoE Management
- -5 to 55 Degree Celsius wide temperature range
- Compliant with isolation and channel
- Data and power carried over one Ethernet cable
- Compliant to Characteristics of IEEE802.3af / IEEE802.3at- 4 Pairs
- Full protection OCP and OVP
- Field Earth for higher immunity against EMI/EMC Noise.



Technical Specifications

Interface		
RJ45 Ports	10/100/1000BaseT(X) for PoE OUT and DATA IN	
PoE Pinout	Default: 1, 2, 4, 5 V+ , V- for pin 3, 6, 7, 8 (4 pairs)	

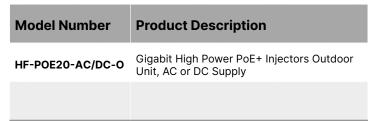
Power Requirements		
Input Voltage	100-264 VAC for AC Model & 36-75 VDC for DC Model	
Protection	Overload Current & Over voltage; Reverse Polarity & Short circuit	
Power Consumption	Max. 2.5 W full loading without PD's consumption	
Power Budget	Max. 35 W for 1 PD's consumption	

Physical Characteristics		
Housing	Engineering plastic grade enclosure with metallic bracket	
IP Rating	Outdoor Model: IP 67 Protection	
Dimensions	DC-PoE: 220 x 195 x 62 mm & AC-PoE: 220 x 195 x 62 mm	

Environmental Limits	
Operating Temperature	-5°C to 55°C
Storage Temperature	-40°C to 85°C (-40 to 185°F)
Ambient Relative Humidity	5 to 95% (non-condensing)

Standards and Certifications		
Standards	IEEE 802.3af/at for Power-over-Ethernet	
Safety	UL 508, EN 60950-1 (LVD)	
EMI/EMC	EN 55032/24 CISPR 32, FCC Part 158 Class A	
Surge & Lightening Protection	EMC to IEC 61000-4-3; RS: 80 MHz to 1 GHz 20 V/m Electrical Fast Transients to IEC 61000-4-4 EFT: Power: 4 kV; Signal: 2kV Surge Compliance to IEC 61000-4-5 Surge: Power: 3 kV; Signal: 3 kV EMC Signal IEC 61000-4-6 CS: Signal: 10 V IEC 61000-4-8	
Freefall	IEC 60068-2-32	
Vibration	IEC 60068-2-6	







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