

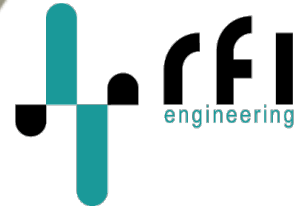
Universal PoE Injector

The Remote **Switching** Company

Single Port Power-over-Ethernet Injector 100-250 AC Power / 20 Watt

Model: RE.99.PPOE | Region: Asia Pacific

The Single Port PoE Injector is an universal 20 Watt PoE power supply provides power to devices through RJ45 jacks and data over a single Ethernet cable. This compact, self-contained device provides an efficient and cost-effective solution to systems designers confronting the need for additional electrical outlets or the placement of network access points. The Single Port PoE Injector can among others be used to connect a wireless access point, LoRaWAN gateway, IP phone, network camera or any IEEE 802.3af/at-powered device (PD) to a network switch.



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Input Specifications

Voltage	100-250 AC -10%, +6%
Line Frequency	47 - 63 Hz Current 0.5A max. at 90 VAC input
Protection	Internal primary current fuse, Inrush limiting
Inlet type	IEC320-C14

Output Specifications

Combined Line and Load Voltage Regulation	±1% excluding cord
Ripple	1% V p-p max for output current of >0.175A
Transient Response	0.5 msec. for 50% load change typical
Holdup Time	18 msec min. @120 VAC 60 msec min. @240 VAC
Protection	Foldback overcurrent protection Short Circuit Protection
Cord and Connector	Dual RJ45 jacks built into the enclosure

Safety Approvals

Agency Listings	cULus: UL/CSA60950; TUV: EN60950; CE: LVD, EMC
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Electrical

Topology	Switching - Fixed frequency fly back
Dielectric Withstand	3000 VAC, 4250 VDC primary-secondary 500 VDC secondary-ground
Spacing	6.4mm primary-secondary
Leakage Current	Less than 750 uA
Efficiency	Minimum 65%
EMI	Complies with EMC Directives
CE	CE Compliant
MTBF	100,000 Calculated Hours

Environmental

Operating Temperature	0° to 40°C with no derating
Storage Temperature	-30° to +85°C
Relative Humidity	5% to 95% non-condensing
Altitude	0-10,000 feet
Cooling	Convectional - non vented case

Mechanical

Case Dimensions	107.9L x 66.5W x 38.6H (mm)
Case Material	Black, 94V0 Polycarbonate
Weight	7 Ounces, 198 grams



*for software, documentation and more visit:
<https://www.rfi-engineering.com/index.php/ppoe>

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