Single Port PoE Injector

RE.99.PPOE

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Single Port PoE injector

The RE.99.PPOE 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.

Features

✓ 100-250 VAC Universal Input
✓ Desktop Style
✓ Single Output up to 20W
✓ Compliant with passive IEEE 802.3af standard
✓ Regulated Output With Low Ripple
✓ Meets Safety Agency Requirements
✓ Complies With EMI/RFI Regulations
✓ CE, RoHS and WEEE Compliant
✓ Impact Resistant Polycarbonate Enclosure
✓ 1 Year Warranty

Specifications

Input Specifications

Voltage	100-250 VAC -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, EMCD

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	0º to 40ºC with no derating
Storage Temperature	-30º to +85ºC
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