

PW130

POE INJECTOR
UNIVERSAL 20 WATT



PW130 POWER OVER ETHERNET (POE) UNIVERSAL 20 WATT

- Self-contained Injector
- 100-250 VAC Universal Input
- Desktop Style
- Single Output up to 20W
- Not compliant with IEEE 802.3af standard
- Regulated Output With Low Ripple
- Meets Safety Agency Requirements
- Complies With EMI/RFI Regulations
- CE Compliant
- Impact Resistant Polycarbonate Enclosure
- Private Label Marking Available
- 1 Year Warranty
- Modified and Custom Designs Also Available

PW130

| Ault Part No. | Voltage DC | Max Amps | Max Watts |
|----------------|------------|----------|-----------|
| PW130RA4800_01 | 48V | 0.42 | 20.16 |

Ault Part No. Key

| | | | | | | |
|---------------------|---|-------------------------|-----------------------|-----------|---|---|
| PW130 | R | A | 48 | 00 | - | 01 |
| Product Family Name | Manufacturing Location (volume dependent) | Design Revision Changes | Voltage DC Model Type | Connector | Input Configuration/ Model Type (see pg. 2) | Standard (no modifications, or special packaging) |



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PW130

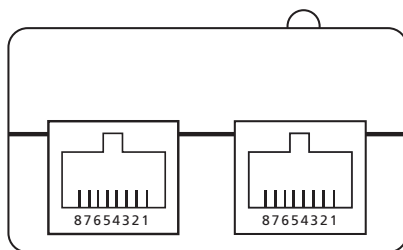
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Input

| | |
|----------------|--|
| 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 |
| Configuration | Inlet type : IEC320-C14; IEC320-C8 |

Output

| | |
|---|---|
| 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 |



J1 (Power and Data Out) J2 (Data In)
(Rear of Unit)

| J1 pins | J2 pins |
|-----------|-----------------|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 4 +power | 4 no connection |
| 5 +power | 5 no connection |
| 6 | 6 |
| 7 - power | 7 no connection |
| 8 - power | 8 no connection |

Note: ↔ indicates connections between J1 and J2

Safety Approvals

| | |
|-----------------|---|
| Agency Listings | cULus: UL/CSA60950; TUV: EN60950; CE: LVD, EMCD |
|-----------------|---|

Electrical

| | |
|----------------------|---|
| Topology | Switching - Fixed frequency flyback |
| 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 |

Input Configuration



IEC320
w/ground
C14
(F)



Shaver
C8
(N)

Specify the Input Configuration Code in your order.



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