

Extron

Specifications

IPL EXP PDU4H

Memory

SDRAM.....	512 MB
Flash	512 MB

Software

Configuration software.....	Global Configurator® Plus and Professional
Programming software.....	Global Scripter®
Control apps.....	Extron Control, iGVE
Resource management software..	GlobalViewer® Enterprise
Utilities	Toolbelt, embedded web page

Ethernet

Network interface controllers (NICs)	1
Connectors.....	1 female RJ-45 connector
Data rate	10/100Base-T, half/full duplex with autodetect
Protocols.....	ARP, DHCP, DNS, HTTP (redirect), HTTPS, ICMP (ping), IEEE 802.1X, NTP, SMTP, SNMP, SSH, TCP/IP, UDP/IP
Default settings	Link speed and duplex level = autodetected IP address = 192.168.254.250 Subnet mask = 255.255.255.0 Gateway = 0.0.0.0 DHCP = off DNS = 127.0.0.0

Manual control contact input

Quantity/type.....	4 contact closure inputs for exclusive control of AC power outputs
Contact closure ports	(2) 3.5 mm captive screw connectors, 3 pole
Contact closure (input only)	
Input voltage range.....	0 to 5 VDC, clamped at +5.1 V
Input impedance	10k ohms
Threshold low to high	2.8 VDC
Threshold high to low	2.0 VDC
Pin configuration	Pins 1, 2, 3, 4 = inputs 1, 2, 3, 4; pin G on each connector = Gnd

Relay

Quantity/type.....	1 normally open relay
Relay control connectors	(1) 3.5 mm captive screw connector, 2 pole
Relay control contact rating	24 VDC, 1 A

Specifications • IPL EXP PDU4H (Continued)

Switched AC power output

Connectors.....	4 female IEC power receptacles
Voltage.....	120/240 VAC, 50-60 Hz
Maximum AC load	
USA/Canada	12 A at 120 VAC
International.....	10 A at 240 VAC
Current sense	
Range.....	0 A to 12 A
Resolution	100 mA
Tolerance	≤6%
Current sensor aging.....	<2%
Surge protection.....	Single-stage – multiple MOVs
Peak impulse current (8/20 μs waveform)	
•	30,000 A, one time - maximum peak impulse current pulse as defined between line and neutral
•	19,500 A, two times within 5 minutes
Protection mode	• Line to neutral • Line/neutral to ground
Response time	<25 nanoseconds
Surge energy dissipation.....	1750 joules (10/1000 μs)
EMI/RF suppression.....	None. Input AC is looped and passed to AC output.

General

Power supply	Internal Input: 120/240 VAC, 50/60 Hz
Power consumption	1.5 watts (with no load at the AC outputs) 2410.5 watts (full load)
Ambient temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling.....	Convection, no vents
Thermal dissipation.....	5.1 BTU/hr (with no load at the AC outputs) 118.1 BTU/hr (with full load)
Mounting	
Rack mount	Yes, with optional 1U rack shelf
Furniture mount.....	Yes, with optional bracket kit
Enclosure type	Metal
Enclosure dimensions.....	1.7" H x 8.7" W x 8.5" D (1U high, half rack wide) (43 mm H x 221 mm W x 216 mm D) (Depth excludes connectors.)
Product weight	2.2 lbs (1.0 kg)
Regulatory compliance	CE, C-Tick, c-UL, FCC Class B, ICES, UL, VCCI Complies with the appropriate requirements of RoHS, WEEE
Product warranty.....	3 years parts and labor

NOTE: All nominal levels are at ±10%.

NOTE: Specifications are subject to change without notice.

NOTE: Shipping weights and dimensions are available at www.extron.com.

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