

P1070 Series PDUs with Surge Protection

APPLICATION

Leviton's P1070 Series Rack Power Distribution Units with Surge Protection are the ideal solution for small data centers, computer rooms, and other high-demand environments. P1070 PDUs provide "always on" power in addition to robust and reliable protection from damaging electrical power surges and transients. P1070 Series PDUs are available for vertical applications.

SPECIFICATION

PDUs shall be offered in a vertical (Zero-U) mounting configuration. PDUs shall include circuit breaker overload protection. PDUs shall include a Max Surge Current Rating of 45kA and a Joules rating of 900, and a Clamping Voltage rating of 500V. PDUs shall be cULus listed. PDUs shall be manufactured using a cold-rolled steel enclosure with a corrosion-resistant finish. Units shall feature a hardwired power input cord. PDUs shall include all necessary hardware for both standard and button mounting. PDUs shall include industrial grade receptacles utilizing industrial-rated plastic material and metal conductors.

FEATURES

- Listed to UL 1449 3rd Edition; UL 60950-1
- Peak Surge Current: 45kA
- Resettable circuit breaker protects against current overload
- LED indicators for Power, Polarity/Ground and Surge Protection
- 120V, 15A and 20A options; models available with locking plugs
- Mounts in a vertical (Zero-U) configuration on standard racks or cabinets
- Durable 18GA cold-rolled steel enclosures
- Durable input cord strain relief
- Extension Bracket (for additional equipment clearance) is available separately (Part #PDURK-BKT)
- 3-Year Limited Product Warranty
- Lifetime Limited Connected Equipment Warranty

DESIGN CONSIDERATIONS

- Standard mounting and button mounting hardware included
- Hardwired power input cord on all models
- Corrosion-resistant powder coat finish
- cULus Listed

STANDARDS COMPLIANCE

Listed to UL 1449 3rd Edition; UL 60950-1

PHYSICAL SPECIFICATIONS

See page two.

WARRANTY INFORMATION

Go to www.leviton.com/warranty



Page 1 of 2

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ELECTRONIC FILES

For CAD files, Typical specs, or Dimensional Line Art. (.DXF, .DWG, MS-DOS.eps or .TXT), visit www.leviton.com.

NOTE: Illustrations not to scale.



P1070-10S

P1071-10S

P1072-10L

P1073-10S

P1074-10L

Technical Specifications - P1070 Series PDUs with Surge

Part Number	Input Voltage	Amperage	Outlets		Cords		Dimensions	Mounting	Surge Current Rating	Joules	Clamping Voltage	Number of MOVs	MOV Size
			5-15R	5-20R	Length	NEMA Plug Type							
P1070-10S	120	15	16		10 feet	5-15P	30"L x 1.8"W x 1.75"D	Vertical	45kA	900	500V	5	18mm
P1071-10S	120	20		16	10 feet	5-20P	30"L x 1.8"W x 1.75"D	Vertical	45kA	900	500V	5	18mm
P1072-10L	120	20		16	10 feet	L5-20P	30"L x 1.8"W x 1.75"D	Vertical	45kA	900	500V	5	18mm
P1073-10S	120	20		24	10 feet	5-20P	48"L x 1.8"W x 1.75"D	Vertical	45kA	900	500V	5	18mm
P1074-10L	120	20		24	10 feet	L5-20P	48"L x 1.8"W x 1.75"D	Vertical	45kA	900	500V	5	18mm

Surge Specifications

Max Surge Current (Max Single Pulse Transient Current: 8 x 20 ms, Amps peak)	Normal Mode (L-N):	18,000 A
	Common Mode (L-G):	18,000 A
	Common Mode (N-G):	9,000 A
Rated Single Pulse Transient Energy (10x1000 μ s, Impulse)	900 Joules	
Clamping Voltage (UL 1449 cord connected test: 8 x 20 μ s, 3kA amp)	Normal Mode (L-N):	500V pk
	Common Mode (L-G):	600V pk
	Common Mode (N-G):	600V pk

Environment

Operating	-0° C to 40° C (32° F to 104° F)
Non-Operating	-10° C to 70° C (14° F to 158° C)
Relative Humidity	0% to 95% non-condensing

Accessories

Part No.	Description
PDURK-BKT	Adjustable mounting bracket for vertical PDU

