Metered Rack Power Distribution Unit (AP8886)

Overview and Specifications

Overview

The APC by Schneider Electric Metered Rack Power Distribution Unit (PDU) distributes power to devices in a rack. The PDU includes sensors that measure the current use of the PDU and each attached device. You can access the PDU through Web, Telnet, SNMP, SSH, or InfraStruxure® Central interfaces.
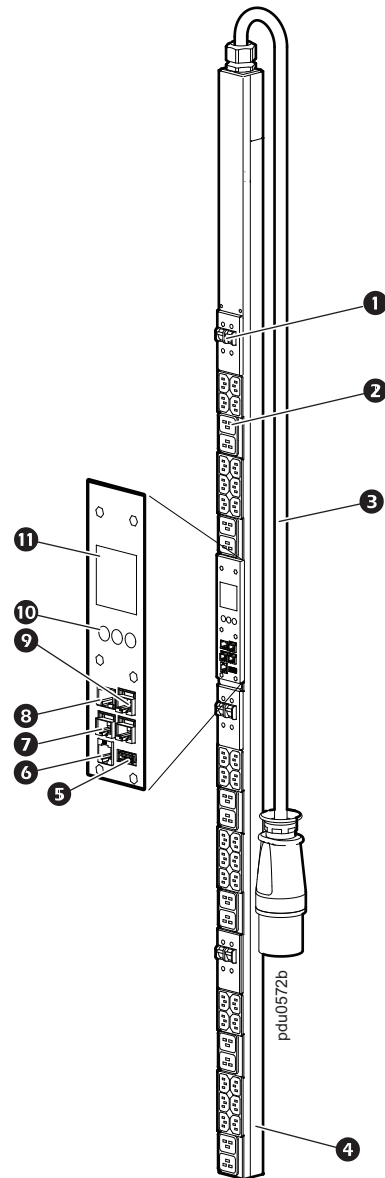
Outlets. The Rack PDU has thirty (30) IEC-320-C13 and twelve (12) IEC-320-C19 locking outlets ❷. (The locking feature is compatible with APC locking input cords and APC locking jumper cords.)

Overcurrent protection. The Rack PDU has six (6) 16 A, UL489 VDE single-pole breakers ❶.

Display interface. The liquid crystal display (LCD) ⓫ and input buttons ❿ allow you to monitor current, power, and voltage measurements of the Rack PDU. Local communication can be established through the serial port ❻, and remote communication through the network port ❽. The USB ❺ port allows for firmware upgrades, and the CAN ❼ ports enable data transfer for future expansion options. The environmental sensor port ❾ allows for monitoring of the temperature and humidity of the room or enclosure.

Power cord. The 1.82-m (6-ft) power cord ❸ terminates with a 32 A, 5-pin IEC-309 3P +N +G connector.

Toolless mounting. The Rack PDU has two rear-mounted toolless mounting pegs ❹ for 0 U mounting capability in a rack or enclosure.

pdu0572b

Specifications

Electrical

Acceptable input voltage	200/346–240/415 VAC +6%, -10%, 3-phase
Maximum input current (phase)	32 A VDE
Input frequency	50/60 Hz
Input connection	32 A, 5-pin IEC-309 3P +N +G
Input power	22.1 kVA VDE
Output voltage	200-240 VAC
Maximum output current (outlet)	IEC-320-C13: 10 A; IEC-320-C19: 16 A VDE
Maximum output current (phase)	32 A VDE
Maximum output current (bank)	16 A
Output connections	Thirty (30) IEC-320-C13; twelve (12) IEC-320-C19

Physical

Dimensions (H x W x D) (depth does not include toolless pegs)	182.9 x 5.6 x 5.1 cm (72.0 x 2.2 x 2.0 in)
Power cord length	1.8 m (6 ft)
Shipping dimensions (H x W x D)	205 x 17 x 11.3 cm (80.7 x 6.7 x 4.4 in)
Weight/shipping weight	8.72 kg (19.2 lb)/11.5 kg (25.4 lb) VDE cord

Environmental

Maximum elevation (above MSL) Operating/Storage	0–3 000 m (0–10,000 ft) / 0–15 000 m (0–50,000 ft)
Temperature Operating/Storage	–5 to 50° C (23 to 122° F) / –25 to 65° C (–13 to 149° F)
Humidity Operating/Storage	5–95% RH, non-condensing

Compliance

EMC verification	FCC Part 15 Class A, ICES-003 Class A, VCCI-A, EN 55022 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3
Safety verification	VDE

Customer support and warranty information is available at the APC Web site, **www.apc.com**.