

Switched Rack Power Distribution Unit (AP8959)

Overview and Specifications

Übersicht und technische Daten

Información general y especificaciones

Présentation et caractéristiques techniques

Panoramica e specifiche

概要及び仕様

Visão geral e especificações

Przeegl' d i specyfikacja

Описание и характеристики

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概述与规格



Overview

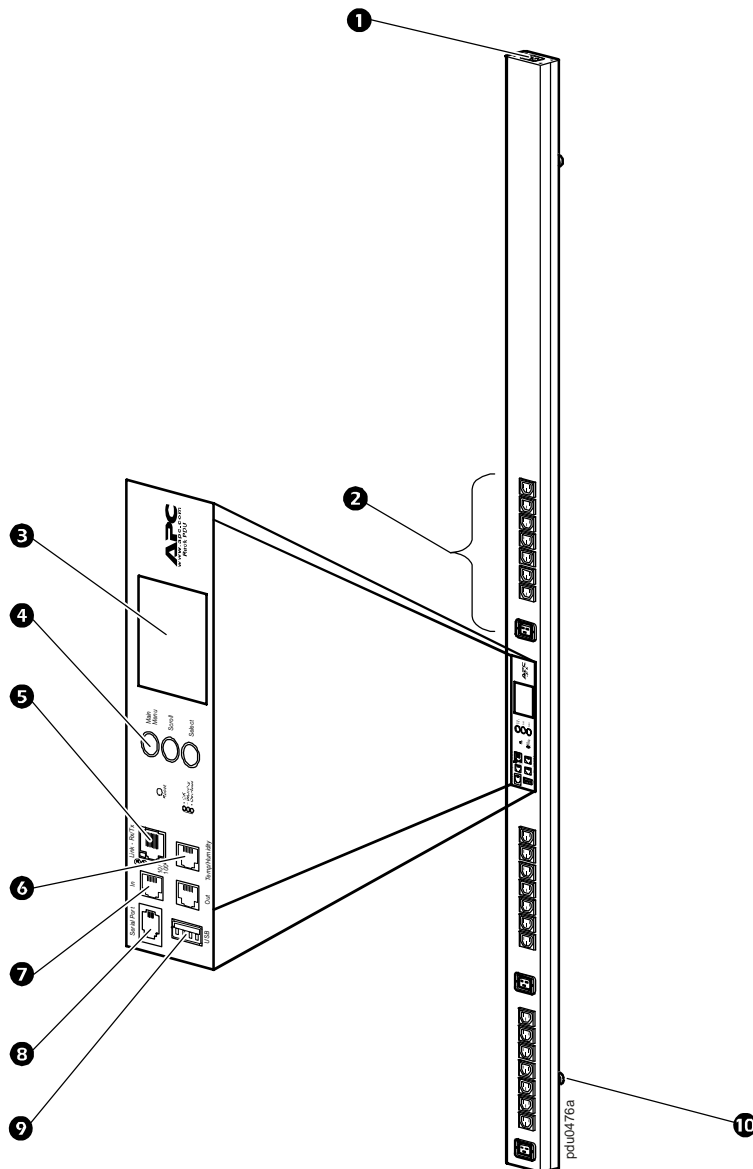
The Schneider Electric Switched Rack Power Distribution Unit (PDU) distributes power to devices in the rack. It has a sensor that measures the current that it and its attached devices use. It can be monitored through Web, Telnet, SNMP, SSH, or StruxureWare® interfaces.

Outlets. The Rack PDU has twenty-one (21) IEC-320-C13 and three (3) IEC-320-C19 locking outlets **2**. A green LED for each outlet turns on when the outlet is energized. (The locking feature is compatible with Schneider Electric locking input cords and Schneider Electric locking jumper cords.)

Display interface. The liquid crystal display (LCD) **3** and input buttons **4** allow you to monitor current, power, and voltage measurements of the Rack PDU. Local communication can be established through the serial port **8**, and remote communication through the network port **5**. The USB **9** and CAN **7** ports enable data transfer for future expansion options. The environmental sensor port **6** allows for monitoring of the temperature and humidity of the room or enclosure.

Power cord. The Rack PDU has one (1) IEC-320-C20 inlet **1**. (Power cord not provided.)

Toolless mounting. The Rack PDU has two toolless mounting pegs **10** for 0 U mounting capability in a rack or enclosure.



Specifications

Electrical

Acceptable input voltage	100–240 VAC +6%, -10%
Maximum input current (phase)	16 A
Input frequency	50/60 Hz
Input connection	IEC-320-C20
Input power	1.6 - 3.8 kVA
Output voltage	100–240 VAC
Maximum output current (outlet)	IEC-320-C13: 12 A; IEC-320-C19: 16 A UL, PSE IEC-320-C13: 10 A; IEC-320-C19: 16 A VDE
Maximum output current (phase)	16 A
Output connections	Twenty-one (21) IEC-320-C13; three (3) IEC-320-C19

Physical

Dimensions (H x W x D) (depth does not include toolless pegs)	179.1 x 5.6 x 4.6 cm (70.5 x 2.2 x 1.8 in)
Shipping dimensions (H x W x D)	200.0 x 16.5 x 11.4 cm (78.8 x 6.5 x 4.5 in)
Weight/shipping weight	5.7 kg (12.6 lbs) / 7.8 kg (17.3 lbs)

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 45°C (23 to 115°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, EN 55022 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3
Safety verification	UL, cUL, VDE, PSE