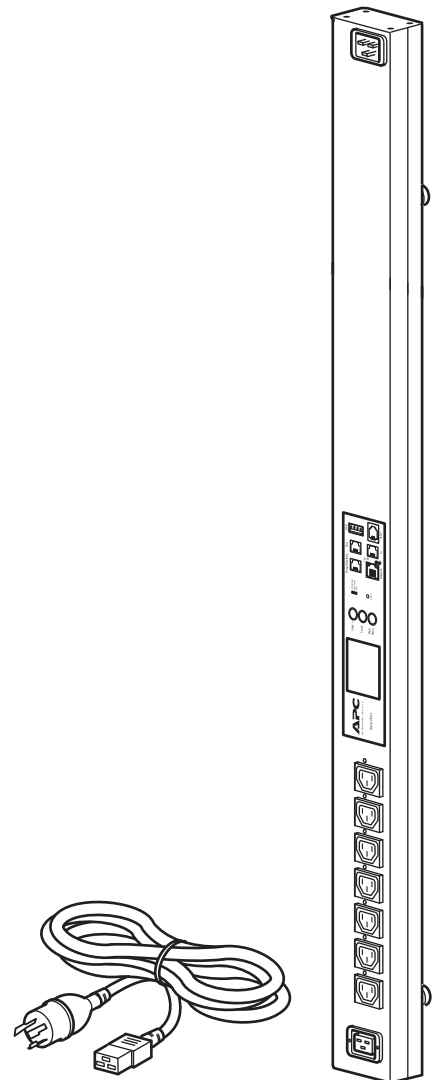




by Schneider Electric

Switched Rack Power Distribution Unit (AP8958NA3)

Overview and Specifications



Overview

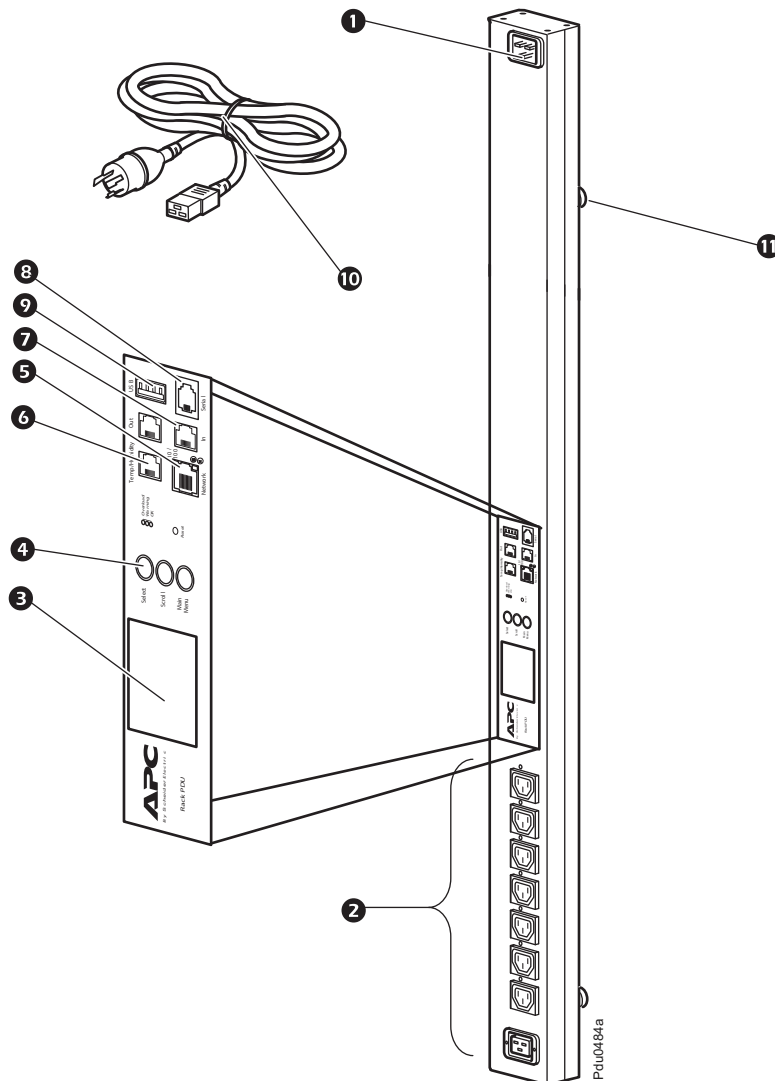
The APC by Schneider Electric Switched Rack Power Distribution Unit (PDU) distributes power to devices in the rack. It has a sensor that measures the current that it and its attached devices use. It can be monitored through Web, Telnet, SNMP, SSH, or EcoStruxure™ IT Expert interfaces.

Outlets. The Rack PDU has seven (7) IEC-320-C13 and one (1) IEC-320-C19 locking outlets **2**. (The locking feature is compatible with APC locking input cords and APC 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** port allows for firmware upgrades, and the 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. A detachable 3.0-m (10-ft) C19-to-NEMA L6-20P power cord **10** is provided. The Rack PDU has one (1) IEC-320-C20 inlet **1**.

Toolless mounting. The Rack PDU has two toolless mounting pegs **11** for 0 U mounting capability in a rack or enclosure.



Specifications

Electrical

| | |
|---------------------------------|-----------------------------------------------------------------------------------------------|
| Acceptable input voltage | 100–240 VAC +6%, -10% |
| Maximum input current (phase) | 16A cULus 20A PSE |
| Input frequency | 50/60 Hz |
| Input connection | IEC-320-C20 Detachable, C19-to-NEMA L6-20P power cord provided |
| Input power | 3.3 kVA UL 4.0 kVA PSE |
| Output voltage | 100–240 VAC |
| Maximum output current (outlet) | IEC-320-C13: 12 A; IEC-320-C19: 16 A UL (derated) IEC-320-C13: 15 A; IEC-320-C19: 20 A PSE |
| Maximum output current (phase) | 16 A UL (derated) 20 A PSE |
| Output connections | Seven (7) IEC-320-C13; one (1) IEC-320-C19 |

Physical

| | |
|------------------------------------------------------------------|----------------------------------------------|
| Dimensions (H x W x D) (depth does not include toolless pegs) | 99.1 x 5.6 x 4.6 cm (39.0 x 2.2 x 1.8 in) |
| Power cord length | 3.0 m (10 ft) |
| Shipping dimensions (H x W x D) | 112.4 x 16.5 x 11.4 cm (44.3 x 6.5 x 4.5 in) |
| Weight/shipping weight | 3.9 kg (8.7 lb) / 5.5 kg (12.1 lb) |

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, ICES-003, VCCI-CISPR 32 |
| Safety verification | cULus, PSE |

Customer support and warranty information is available at the APC website, www.apc.com.

© 2021 APC by Schneider Electric. APC, the APC logo, and EcoStruxure are trademarks of Schneider Electric SE or its subsidiaries. All other brands may be trademarks of their respective owners.

990-3444A
01/2021