


## SCHNELL POWER DISTRIBUTION UNIT (PDU)

The SCHNELL Power Distribution Unit delivers dependable AC power to rack-mounted equipment. Built to meet the needs of IT, AV, telecom, and industrial environments, it features 6 to 15 universal sockets, a main power switch, and thermal circuit protection. The 1U design fits standard 19" racks and is ideal for organized and safe energy distribution in demanding installations.



### DIAGRAM & CONSTRUCTION

Housing	: Cold-rolled steel (SPCC)		Input Connector	: IEC C14 / Power cord (1.8m to 3m, model dependent)
Material			Main Switch	: Rocker switch with LED indicator
Finish	: Black matte powder coating		Circuit Protection	: Built-in resettable thermal circuit breaker
Mounting Style	: 1U rack-mount horizontal		Mounting Hardware	: Includes cage nuts and screws
Outlet Type	: Universal sockets (6, 8, 10, 12, or 15 ports)			

### ELECTRICAL CHARACTERISTICS

Input Voltage	: 220–250V AC
Frequency	: 50/60 Hz
Current Rating	: 10A / 13A / 16A (model dependent)
Max Power Load	: Up to 4000W
Switch Rating	: 16A @ 250V AC
Surge Protection	: Optional (available in specific models)
Grounding	: Full metal contact grounding path

### PHYSICAL & MECHANICAL CHARACTERISTICS

Rack Height	: 1U (44.45 mm)
Width	: 19" (482.6 mm)
Depth	: Approx. 50–60 mm
Weight	: ~1.2 to 1.8 kg depending on port count
Socket Orientation	: Horizontally aligned
Color	: Black (RAL 9005 or similar)

### KEY FEATURES

- Universal outlet design (6–15 sockets) with circuit breaker
- Heavy-duty steel housing with power switch and indicator light
- Rack-mountable in 1U height for standard 19" cabinets

### KEY APPLICATIONS

- Power distribution in data center racks and telecom closets
- AV, broadcasting, and control room equipment racks
- Structured cabling, surveillance, and automation systems

### REACTION TO FIRE

Enclosure Material	: Non-combustible steel, powder-coated
Socket Housing	: Flame-retardant, thermoplastic (UL94V-0 rated)
Overload Protection	: Auto-reset thermal circuit breaker

### STANDARDS

- Complies with 19" EIA-310 rack mount standard
- CE certified
- RoHS compliant
- ISO 9001 manufacturing standards
- Optional models with surge protection tested to IEC standards

**PART NUMBER**

Part Number	Description
SCZ-06W13APDU	SCHNELL 06 WAY 13A PDU WITH MAIN SWITCH 1.8 MTR