

RACK PDU

Compact and reliable power distribution unit
monitored and managed rack PDU



The solution for

- > Data center rack cabinet
- > Networking infrastructure
- > Computer rooms

Ensuring efficient load development and power supply flexibility in server rooms is becoming increasingly important, which is why SOCOMEC offers a variety of PDUs for rack applications. SOCOMEC PDUs in 0U configuration (single-phase or three-phase) with metered or monitored technology, and PDUs in 1U configuration (still single-phase but with single or dual power supply) with managed technology, allow IT managers to find the configuration best suited to their requirements.

Metered or monitored Zero-U vertical PDU

With only one single-phase or three-phase input, these PDUs guarantee reliable power distribution for equipment with small and medium-scale energy requirements integrated into rack cabinets. The PDU does not require the installation of 'U space' due to its vertical position on the rear of the rack cabinet, and simplifies the electrical connection of many devices, saving time during fitting procedures and offering easy power supply configuration adjustment. The numerous output sockets and their positioning help this PDU fit perfectly into high density network solutions.

Using two PDUs in the same rack cabinet allows the development of a redundant architecture typical of critical applications which use dual cord electronic devices.

Monitoring and supervision

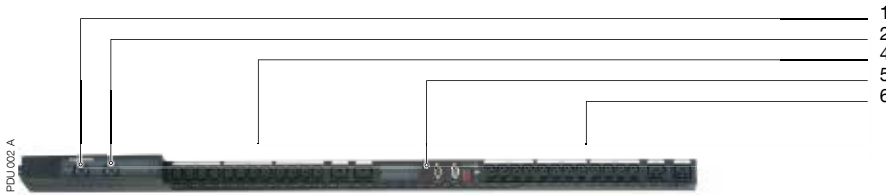
The two-digit LED display allows an easy reading and monitoring of the current consumption.

The reverse display function allows the cable input both from above and below, ensuring a proper reading in every installing position.

The ADD-IN SNMP module (available as an option), allows the remote control and monitoring of the PDUs via LAN network.

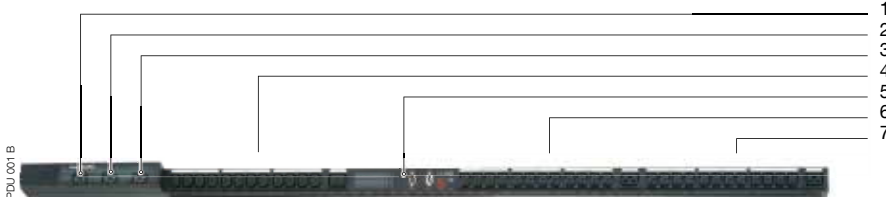
Zero-U PDU

Connections



Single-phase model

1. ON-OFF switch segment #1
2. ON-OFF switch segment #2
3. ON-OFF switch segment #3
4. Output connectors segment #1
5. Front panel
6. Output connectors segment #2
7. Output connectors segment #3



Three-phase model

Communication options

PDU VISION, WEB/SNMP manager interface for the connection to the LAN network. The device - suitable for remote monitoring – can be integrated into the PDU.



Technical data

Zero-U PDU		
Item code	NRT-OP-PDU1-28	NRT-OP-PDU3-39
Input/output	1/1	3/1
INPUT		
Rated voltage	200-240 V (1ph)	346-415 V (3ph, Y+N)
Rated frequency	50/60 Hz	
Rated current	32 A (1ph)	16 A (3ph)
Connector	IEC309-32 A	IEC309-16 A
OUTPUT		
Rated voltage	200-240 V	
Connectors	(24) IEC320-C13, (4) IEC320-C19	(36) IEC320-C13, (3) IEC320-C19
COMMUNICATION		
Interfaces	RS232 - (WEB/SNMP optional)	
Environmental sensor	•	•
ENVIRONMENT		
Operating ambient temperature	0 to 45 °C	
Relative humidity	5% to 95% without condensation	
Maximum altitude	operating: up to 2000 m	
RACK PDU		
Dimensions W x D x H	48 x 1250 x 50 mm	48 x 1560 x 50 mm
Weight	5.4 kg	6.0 kg