

# SmartPDU 3U Horizontal, 3×16/32A (11kVA) - Datasheet



ORDER-CODES:

[KPMDU-RC-2400C13C19-3-32-H](#), [KPMDU-RC-2002C13C19-3-32-H](#), [KPMDU-RC-2400C13C19-3-16-H](#), [KPMDU-RC-2002C13C19-3-16-H](#)

<b>Function</b>	Intelligent power distribution for IT server racks in horizontal design with 3 height units
<b>ART</b>	<b>KPMDU-RC-2400C13C19-3-32-H</b> <b>KPMDU-RC-2002C13C19-3-32-H</b> <b>KPMDU-RC-2400C13C19-3-16-H</b> <b>KPMDU-RC-2002C13C19-3-16-H</b>
<b>Rated power, voltage</b>	11kVA, 230V
<b>Connector plug</b>	CEE plug (RED) according to IEC60309, 5-pole, 16/32A/230V

<b>Connection cable</b>	Length 3m, rubber sheathed cable H07RN-F-5G6 (32A) Length 3m, rubber sheathed cable H07RN-F-5G4 (16A)
<b>Sockets C13 (IEC60320)</b>	24 (20)
<b>Sockets C19 (IEC60320)</b>	(2)
<b>Locking sockets</b>	IEC-LOCK for C13/C19
<b>Fuse circuit breaker</b>	3 x 16A C-type, 6kA short circuit current (32A connection) 3 x 10A C-type, 6kA short circuit current (16A connection)
<b>Current measurement (calibrated)</b>	Integrated, calibrated current measurement, accuracy Class B (MID, EN 50470-3), minimum current 250mA, maximum current 32A
<b>Residual current measurement (RCM)</b>	Integrated AC/DC sensitive differential current measurement according to IEC 60664-1, ±300mA/100mA (RMS), accuracy <0.2mA Frequency range DC 0..2kHz
<b>Connectivity</b>	Ethernet (10/100MBit), PoE Class 3
<b>Kentix system socket (Type B)</b>	RJ45 with Kentix specific pinout for system expansion 2 x Digital Input (e.g. door contacts, ext. alarms) 1 x System BUS
<b>Communication and security</b>	HTTPS (certificate), integrated web server, ReSt API Protocols: SNMP V2/3 (GET, TRAP), NTP, SMTP, DHCP, DNS, MODBUS-TCP
<b>Management</b>	Main satellite management via KentixONE
<b>Measurement/communication objects</b>	Voltage (V) L1/L2/L3/Total Current (A) L1/L2/L3/Total Consumption (kWh) L1/L2/L3/Total Active power (W) L1/L2/L3/total Apparent power (VA) L1/L2/L3/total Reactive power (VAR) L1/L2/L3/Total Effective factor (cos phi) Frequency (Hz) Phase monitoring L1/L2/L3 Differential current AC Differential current DC Fuse status L1/L2/L3 Temperature (°C) Relative humidity (%) Dew point (°C) Vibration (G) Air quality VOC (AIQ Index)

<b>Display (LCD)</b>	Illuminated LCD display (power, current, voltage, consumption)
<b>Optical signaling</b>	LED with RED/GREEN (operation, alarm/error status)
<b>Acoustic signaling</b>	Signal generator with 80dB, 2.3kHz (alarm/fault conditions)
<b>Factory reset</b>	Button for factory reset( <i>default IP: 192.168.100.226</i> )
<b>Power dissipation</b>	max. 20W (full load)
<b>Housing</b>	Sheet metal, powder coated RAL9005, protection class 1 Protection class IP20
<b>Size</b>	Height 3U (height units) 483 x 132.5 x 88 mm (WxHxD)
<b>Weight</b>	approx. 7kg
<b>Environmental conditions</b>	0°C to 60°C, humidity 5-95%, non-condensing Storage temperature: -20°C to 60°C
<b>Certification</b>	CE (2014/30/EC, 2014/35/EC, 2011/65/EU)
<b>Electrical safety</b>	DGUV-V3 testing, VDE 0105-100
<b>Marking</b>	Serial number (barcode)
<b>Scope of delivery</b>	SmartPDU with connection cable 3m and plug, test protocol