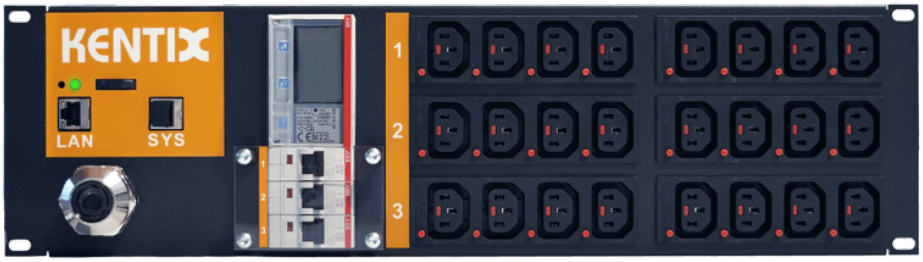
SmartPDU 3U Horizontal, 3×16/32A (11kVA) – Datasheet



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

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

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Connection cable	Length 3m, rubber sheathed cable H07RN-F-5G6 (32A) Length 3m, rubber sheathed cable H07RN-F-5G4 (16A)
Sockets C13 (IEC60320)	24 (20)
Sockets C19 (IEC60320)	(2)
Locking sockets	IEC-LOCK for C13/C19
Fuse circuit breaker	3 x 16A C-type, 6kA short circuit current (32A connection) 3 x 10A C-type, 6kA short circuit current (16A connection)
Current measurement (calibrated)	Integrated, calibrated current measurement, accuracy Class B (MID, EN 50470-3), minimum current 250mA, maximum current 32A
Residual current measurement (RCM)	Integrated AC/DC sensitive differential current measurement according to IEC 60664-1, ±300mA/100mA (RMS), accuracy <0.2mA Frequency range DC 0..2kHz
Connectivity	Ethernet (10/100MBit), PoE Class 3
Kentix system socket (Type B)	RJ45 with Kentix specific pinout for system expansion 2 x Digital Input (e.g. door contacts, ext. alarms) 1 x System BUS
Communication and security	HTTPS (certificate), integrated web server, ReSt API Protocols: SNMP V2/3 (GET, TRAP), NTP, SMTP, DHCP, DNS, MODBUS-TCP
Management	Main satellite management via KentixONE

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Measurement/communication objects	Voltage (V) L1/L2/L3/Total Current (A) L1/L2/L3/Total Consumption (kWh) L1/L2/L3/Total Active power (W) L1/L2L3/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)
Display (LCD)	Illuminated LCD display (power, current, voltage, consumption)
Optical signaling	LED with RED/GREEN (operation, alarm/error status)
Acoustic signaling	Signal generator with 80dB, 2.3kHz (alarm/fault conditions)
Factory reset	Button for factory reset*(default IP: 192.168.100.226*)
Power dissipation	max. 20W (full load)
Housing	Sheet metal, powder coated RAL9005, protection class 1 Protection class IP20
Size	Height 3U (height units) 483 x 132.5 x 88 mm (WxHxD)
Weight	approx. 7kg
Environmental conditions	0°C to 60°C, humidity 5-95%, non-condensing Storage temperature: -20°C to 60°C
Certification	CE (2014/30/EC, 2014/35/EC, 2011/65/EU)
Electrical safety	DGUV-V3 testing, VDE 0105-100
Marking	Serial number (barcode)
Scope of delivery	SmartPDU with connection cable 3m and plug, test protocol

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