

# Dual SmartPDU 2U, 2×10/16A (up to 2x 3.6kVA) - Datasheet



**ORDER-CODES:**

KPMDU-RC-xx-xx-1600-2-16-H, KPMDU-RC-SW-xx-1600-2-16-H

<b>Types</b>	<b>KPMDU-RC-xx-xx-1600-2-16-H</b>
<b>Rated power, voltage</b>	2×2.3kVA, 230V
<b>Connector plug</b>	2x C20 IEC socket (16A) on rear panel
<b>Connection cable</b>	Connection cable must be ordered separately
<b>Sockets C13 (IEC60320)</b>	16 (2x 8) C13 with A+B supply
<b>Interlock</b>	IEC-LOCK for C13
<b>Fuse/circuit breaker</b>	2x 10A C-type, interlocked
<b>Current measurement (calibrated)</b>	Integrated, calibrated current measurement, accuracy Class B (MID, EN 50470-3) Minimum current 250mA
<b>Residual current measurement (RCM)OPTIONAL</b>	Integrated AC/DC sensitive residual current measurement in accordance with 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 assignment for system extensions 2 x digital input (e.g. door contacts, leakage detector, ext. alarms) 1 x system BUS
<b>Communication and security</b>	HTTPS (certificate), integrated web server, ReSt-API Port security 802.1x Protocols: SNMP V2/3 (GET, TRAP), NTP, SMTP, DHCP, MODBUS-TCP
<b>Management</b>	Main satellite management via KentixONE

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<b>Measurement/communication objects</b>	Voltage (V) L1/L2/Total Current (A) L1/L2/Total Consumption (kWh) L1/L2/Total Active power (W) L1/L2/total Apparent power (VA) L1/L2/total Reactive power (VAR) L1/L2/Total Effective factor (cos phi) Frequency (Hz) Phase monitoring L1/L2/ Differential current AC Differential current DC Fuse status L1/L2/ 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 state</b>	Button for factory reset in side panel
<b>Housing</b>	Sheet metal, powder-coated RAL9005 Protection class 1, protection rating IP20
<b>Size</b>	443 x 88 x 88 mm (WxHxD)
<b>Weight</b>	approx. 3,0kg
<b>Environmental conditions</b>	0°C to 60°C, humidity 5-95% 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)