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

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

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Types	KPMDU-RC-xx-xx-1600-2-16-H
Measurement/communication objects	Voltage (V) L1/L2/Total Current (A) L1/L2/Total Consumption (kWh) L1/L2/Total Active power (W) L1/L2/totalApparent 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)
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 state	Button for factory reset in side panel
Housing	Sheet metal, powder-coated RAL9005 Protection class 1, protection rating IP20
Size	443 x 88 x 88 mm (WxHxD)
Weight	approx. 3,0kg
Environmental conditions	0°C to 60°C, humidity 5-95% 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)

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