Dual SmartPDU 40U, 2×16/32A (up to 2x 7.3kVA) – Datasheet



ORDER-CODES:
KPMDU-RC-xx-xx-4800-2-32-V, KPMDU-RC-xx-xx-4800-6-16-V

Types	KPMDU-RC-xx-xx-4800-2-16-V	KPMDU-RC-xx-xx-4800-2-32-V
Rated power, voltage	2x 3.6kVA, 230V	2x 7.3kVA, 230V
Connector plug	2x CEE-plug**(BLUE)** according to IEC60309, 1-pole, 16A/230/400V	2x CEE-plug**(BLUE)** according to IEC60309, 1-pole, 32A/230/400V
Connection cable	2x length 3m, rubber sheathed cableH07RN-F-5G6	2x length 3m, rubber sheathed cableH07RN-F-5G6
Sockets C13 (IEC60320)	48	48
Sockets C19 (IEC60320)	0	0
Locking sockets	IEC-LOCK for C13/C19	
Fuse circuit breaker	6 x 10A C-type, 6kA short circuit current, interlocked	6 x 16A C-type, 6kA short-circuit current, interlocked
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 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 Protocols: SNMP V2/3 (GET, TRAP), NTP, SMTP, DHCP, DNS, MODBUS-TCP	
Management	Main satellite management via KentixONE	

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Types	KPMDU-RC-xx-xx-4800-2-16-V	KPMDU-RC-xx-xx-4800-2-32-V
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 state	Button for factory reset **(default IP: 192.168.100.226**)	
Power dissipation	max. 40W (full load)	
Housing	Sheet metal, powder-coated RAL9005, protection class 1, protection rating IP20, mounting bracket can be mounted at 5U intervals	
Size	1770 x 78.2 x 62.5 mm (HxWxD)	
Weight	approx. 10,5kg	
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), additional free marking area front panel (60x30mm)	

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