



ORDER-CODES:

[KPMDU-RC-2406C13C19-3-32](#), [KPMDU-RC-4800C13C19-3-32](#), [KPMDU-RC-2406C13C19-3-16](#), [KPMDU-RC-4800C13C19-3-16](#), [KPMDU-RC-2412C13C19-3-32](#)

Types	KPMDU-RC-2406C13C19-3-32	KPMDU-RC-2412C13C19-3-32	KPMDU-RC-4800C13C19-3-32	KPMDU-RC-2406C13C19-3-16	KPMDU-RC-4800C13C19-3-16
Rated power, voltage	up to 22kVA, 230V	up to 22kVA, 230V	up to 22kVA, 230V	up to 11.0kVA, 230V	up to 11.0kVA, 230V
Connector plug	CEE plug (RED) according to IEC60309, 5-pole, 32A/230/400V	CEE plug (RED) according to IEC60309, 5-pole, 32A/230/400V	CEE plug (RED) according to IEC60309, 5-pole, 32A/230/400V	CEE plug (RED) according to IEC60309, 5-pole, 16A/230/400V	CEE plug (RED) according to IEC60309, 5-pole, 16A/230/400V
Connection cable	Length 3m, rubber sheathed cable H07RN-F-5G6	Length 3m, rubber sheathed cable H07RN-F-5G6	Length 3m, rubber sheathed cable H07RN-F-5G6	Length 3m, rubber sheathed cable H07RN-F-5G2.5	Length 3m, rubber sheathed cable H07RN-F-5G2.5
Sockets C13 (IEC60320)	24	24	48	24	48
Sockets C19 (IEC60320)	6	12	0	6	0
Locking sockets	IEC-LOCK for C13/C19				
Fuse circuit breaker with hinged cover (rated current, characteristic, short-circuit current)	6x 16A C-type, 6kA	6x 16A C-type, 6kA	6x 16A C-type, 6kA	3x 10A C type, 6kA 3x 16A C type, 6kA	6x 10A C type, 6kA
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 according to IEC 60664-1 ±300mA/100mA (RMS), Accuracy <0.2mA Frequency range DC 0..2kHz				
Type 3 overvoltage protection (optional)	Transverse longitudinal voltage protection according to IEC 61643-11 Pluggable protection modules, discharge capability per pole: In= 5 kA; Imax= 15 kA Monitored by KentixONE, AC mains form: TN ART: KPMDU-xxSD-xxxxC13C19-x-x				
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, 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				
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/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)				
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 with 5U spacing mountable				
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				

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Marking	Serial number (barcode), additional free marking area front panel (60x30mm)				
Scope of delivery	SmartPDU with connection cable 3m and plug, mounting material: 3 pieces 90° angle bracket, 12 piece Countersunk head screws M3x15 with hexagon socket 2mm, test report				