

SmartPDU-40HE METERED, RCM, 1-phasing (KPMDU-RC-xxxxC13C19-1-XX)

PDF-Export



Type	KPMDU-RC-2406C13C19-1-32	KPMDU- RC-4800C13C19 1-32	KPMDU- RC- 2406C13C19-1-16	KPMDU- RC-4800C13C19-1-16
Nominal power, voltage	up to 7.3kVA, 230V	up to 7.3kVA, 230V	up to 3,6kVA, 230V	up to 3,6kVA, 230V
Connector plug	CEE-connector (blue) acc. to IEC60309, 1-pole, 32A/230V	CEE-connector (blue) acc. to IEC60309, 1-pole, 32A/230V	CEE-connector (blue) acc. to IEC60309, 1-pole, 16A/230V	CEE-connector (blue) acc. to IEC60309, 1-pole, 16A/230V
Connection cable	Length 3m, rubber hose H07RN-F-3G6	Length 3m, rubber hose H07RN-F-3G6	Length 3m, rubber hose H07RN-F-3G2,5	Length 3m, rubber hose H07RN-F-3G2,5
Sockets C13 (IEC60320)	24	48	24	48
Sockets C19 (IEC60320)	6	0	6	0
Locking of sockets	IEC-LOCK for C13/C19			
Fuse, circuit breaker	3 x 10A C-type 6kA short-circuit current, interlocked 3 x 16A C-type 6kA short-circuit current, interlocked	6 x 10A C-type, 6kA short-circuit current, interlocked	3 x 10A C-type 6kA short-circuit current, interlocked 3 x 16A C-type 6kA short-circuit current, interlocked	6 x 10A C-type, 6kA short-circuit current, interlocked
Current measurement (calibrated)	Integrated, calibrated current measurement, accuracy class B (MID, EN 50470-3) Min. current 250mA, max. current 32A			
Residual current measurement (RCM)	Integrated AC/DC sensitive residual current measurement acc. to IEC 60664-1 ±300mA/100mA (RMS), accuracy <0.2mA Frequency range DC 0...2kHz			
Connectivity	Ethernet (10/100Mbps), PoE ModBus TCP			
Kentix system socket	RJ45 with Kentix specific assignment for system extension 2 x digital input (e.g. door contacts, leakage detection, external. alarms) 2 x digital output (e.g. door locks, signal lamps) 1 x System BUS			
Communication and security	HTTPS (certificate), integrated web server Protocols: SNMP V2/3 (GET, TRAP), NTP, SMTP, DHCP			
Management	Master-slave administration, SmartPDU or PowerManager configurable as master, up to 100 slaves per master, automatic software deployment			

Measurement and communication examples	<p>Voltage (V) L1/L2/L3/total</p> <p>Current (A) L1/L2/L3/total</p> <p>Consumption (kWh) L1/L2/L3/total</p> <p>Active power (W) L1/L2/L3/total</p> <p>Apparent power (VA) L1/L2/L3/total</p> <p>Reactive power (VAR) L1/L2/L3/total</p> <p>Active factor (cos phi)</p> <p>Frequency (Hz)</p> <p>Phase monitoring L1/L2/L3</p> <p>Residual current AC</p> <p>Residual current DC</p> <p>Fuse status L1/L2/L3</p> <p>Temperature (°C)</p> <p>Relative humidity (%)</p> <p>Dew point (°C)</p> <p>Vibration (G)</p> <p>Pre-Fire detection (Carbon Monoxide CO), optional with additional module</p>
Display (LCD)	Illuminated LCD display (power, current, voltage, consumption)
Optical signaling	LED red/green (operation, alarm/error states)
Acoustic signaling	Buzzer with 80dB, 2.3kHz (alarm/error states)
Factory settings	Button for factory reset in top panel (Default IP: 192.168.100.226)
Power dissipation	max. 40W (full load)
Chassis	Sheet metal, powder-coated RAL9005, protection class 1, protection rating IP20, mounting bracket mountable at a distance of 5HE
Dimensions	1770 x 78.2 x 62.5 mm (HxWxD)
Weight	approx. 10.5kg
Environmental conditions	10°C up to 55°C, humidity 5-95%, storage temperature: -20°C to 60°C
Approvals	CE (2014/30/EG, 2011/65/EU)
Electrical security	DGUV-V3 test, VDE 0105-100
Marking	Serial number (barcode), additional free labeling area front plate (60x20mm)
Content of delivery	SmartPDU with 3m cable and connector, mounting material: 3 pcs. 90° angle brackets, 12 pcs. countersunk-head screws M3x15 with hexagon socket 2mm, inspection protocol