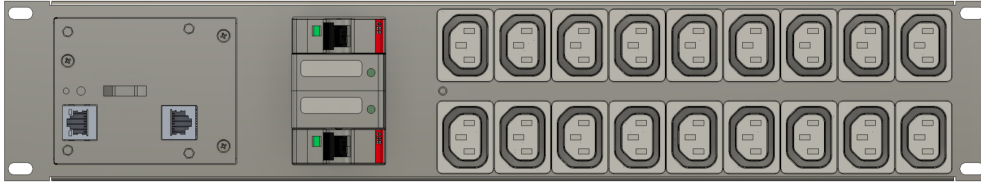


SmartPDU-2HE DUAL, METERED, RCM (KPMDU-RC-1600C13C19-2-16-H)

PDF-Export



Type	KPMDU-RC-1600C13C19-2-16-H (DUAL PDU)	KPMDU-NC-1600C13C19-1-16-H
Nominal power, voltage	2x2.3kVA (opt. 2x3.6kVA), 230V	1x2.3kVA (opt. 1x3.6kVA), 230V
Connector plug	2x C20 mains connector (16A) on backside	2x C20 mains connector (16A) on backside
Connection cable	Connection cable needs to be ordered separately	Connection cable needs to be ordered separately
Sockets C13 (IEC60320)	18 (2x9) C13 with A+B supply	16 (2x8) C13 with A+B supply
Locking	IEC-LOCK for C13	
Fuse/circuit breaker	2x 10A (opt. 16A) C-type, interlocked	
Current measurement	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	/
Optional		
Connectivity	Ethernet (10/100Mbps), PoE Modbus TCP	
Kentix system socket	<ul style="list-style-type: none"> • RJ45 with Kentix specific assignment for system extension • 2 x digital input (e.g. door contacts, leakage sensor, external alarms) • 2 x digital output (e.g. door locks, signal lamps) • 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	
Management	Management standalone or Kentix PowerManager (KPM-100) Software deployment (Updates) Templates for limit values, performance ranges	

Measurement and communication objects	<ul style="list-style-type: none"> • 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 • Active factor (cos phi) • Frequency (Hz) • Phase monitoring L1/L2/L3 • Residual current AC • Residual current DC • Security status L1/L2/L3 • Temperature (°C) • Relative humidity (%) • Dew point (°C) • Vibration (G)
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 side panel
Chassis	Sheet metal, powder-coated RAL9005 Appliance class 1, protection class IP20
Dimensions	443 x 88 x 88 mm (HxWxD)
Weight	ca. 3.0kg
Environmental conditions	-10°C to 55°C, humidity 5-95% Storage temperature: -20°C to 60°C
Approvals	CE (2014/30/EG, 2014/35/EG, 2011/65/EU)
Electrical security	DGUV-V3 test, VDE 0105-100
Marking	Serial number (bar code)
Content of delivery	<ul style="list-style-type: none"> • SmartPDU • Inspection protocol