SmartPDU 40HE, 3×63A (43 kVA) – DATA SHEET

ORDER-CODES:
KPMDU-xx-xx-xx-0036-3-63-V

Type	**KPMDU-RC-xx-xx-0036-3-63-V**
Rated power, voltage	43 kVA, 400/230 V
Connector plug	CEE plug**(RED**) to IEC60309, 5-pin, 63A/230/400V
Connection cable	Length 3m, rubber hose cable H07RN-F-5G16
Number of Outlets Cx (IEC 60320)	36
Locking sockets	IEC-LOCK for Cx
Fuse-circuit breaker with hinged cover (rated current, characteristics, short-circuit current**)**	12x 16A C-type, 6kA
Current measurement (calibrated)	Integrated, calibrated current measurement, accuracy Class B (MID, EN 50470-3) Minimum current: 250 mA, maximum current: 63 A
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
Connectivity	Ethernet (10/100MBit), PoE Class 3
Kentix system socket (type B)	RJ45 with Kentix specific pinout for system expansion 1 x System Port (BUS) Type B
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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Type	KPMDU-RC-xx-xx-0036-3-63-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 (optional) Differential current DC (optional) Fuse status L1.1+L1.2/L1.3+L1.4/L2.1+L2.2/L2.3+L2.4/L3.1+L3.2/L3.3+L3.4 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	approx. 100W (full load)
Housing	Sheet metal, powder coated RAL9005, protection class 1, protection class IP20, mounting bracket can be mounted at a distance of 5U
Size	1770 x 78.2 x 62.5 mm (HxWxD)
Weight	approx. 13,5kg
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)
Scope of delivery	SmartPDU with connection cable 3m and plug, mounting material: 3 90° angle brackets, 12 pcs. countersunk head screws M3x15 with hexagon socket 2mm, front foils A/B (ORANGE), test report

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