SmartPDU 40U, 1×16/32A (up to 7.3kVA) – Datasheet



ORDER-CODES:
KPMDU-RC-2406C13C19-1-32, KPMDU-RC-4800C13C19-1-32, KPMDU-RC-2406C13C19-1-16, KPMDU-RC-4800C13C19-1-16

Types	KPMDU-RC-2406C13C19-1-32	KPMDU-RC-4800C13C19-1-32	KPMDU-RC-2406C13C19-1-16	KPMDU-RC-4800C13C19-1-16
Rated 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 plug**(BLUE)** to IEC60309, 1-pin, 32A/230V	CEE plug**(BLUE)** to IEC60309, 1-pin, 32A/230V	CEE plug**(BLUE)** to IEC60309, 1-pin, 16A/230V	CEE plug**(BLUE)** to IEC60309, 1-pin, 16A/230V
Connection cable	Length 3m, rubber sheathed cable H07RN-F-3G6	Length 3m, rubber sheathed cable H07RN-F-3G6	Length 3m, rubber sheathed cable H07RN-F-3G2.5	Length 3m, rubber sheathed cable H07RN-F-3G2.5
Sockets C13 (IEC60320)	24	48	24	48
Sockets C19 (IEC60320)	6	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	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 in accordance with IEC 60664-1 ±300mA/100mA (RMS), accuracy <0.2mA Frequency range DC 0..2kHz			
Type 3 overvoltage protection (optional)	Transverse longitudinal voltage protection in accordance with IEC 61643-11 Pluggable protection modules, discharge capacity 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 assignment for system extensions 2 x digital input (e.g. door contacts, leakage detectors, external 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/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**)			

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Power dissipation	max. 40W (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. 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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