

Dual SmartPDU 40HE SWITCHED - Datasheet



ORDER-CODES:

 $\underline{KPMDU\text{-}RCSW\text{-}4800C13C19\text{-}2\text{-}16},\ \underline{KPMDU\text{-}RCSW\text{-}4800C13C19\text{-}2\text{-}32},\ \underline{KPMDU\text{-}RCSW\text{-}4800C13C19\text{-}6\text{-}16}$

Types	KPMDU-RCSW-4800C13C19-2-16	KPMDU-RCSW-4800C13C19-2-32	KPMDU-RCSW-4800C13C19-6-16	
Rated power, voltage	up to 7.3kVA, 230/400V	up to 13.8kVA, 230/400V	up to 13.8kVA, 230/400V	
Connector plug	2x CEE plug(BLUE) to IEC60309, 3-pin, 16A/230/400V	2x CEE plug (BLUE) to IEC60309, 3-pin, 32A/230/400V	2x CEE plug (RED) to IEC60309, 5-pin, 16A/230/400V	
Connection cable	2x length 3m, rubber cableH07RN-F-3G2.5	2x length 3m, rubber cableH07RN-F-3G6	2x length 3m, rubber cableH07RN-F-5G2.5	
Sockets C13 (IEC60320) switchable, measured	48, individually switchable (bistable relays) with LED	48, individually switchable (bistable relays) with LED	48, individually switchable (bistable relays) with LED	
Locking sockets	IEC-LOCK for C13			
Fuse circuit breaker	6 x 10A C-type, 6kA short circuit current, interlocked	$6 \times 16 A$ C-type, $6 kA$ short-circuit current, interlocked	6 x 10A C-type, 6kA short circuit current, interlocked	
Current measurement per fuse	Integrated individual measurements of the 6 fuse ranges (U, I, P, W) with reference to the calibrated overall measurement			
Current measurement (calibrated)	Integrated, calibrated total current measurement with separation according to phases $L1/2/3$, accuracy Class B (MID, EN 50470-3) Minimum current 250mA, maximum current $3x32A$			
Residual current measurement (RCM)	Integrated AC/DC sensitive residual current measurement in accordance with IEC 60664-1 $\pm 300 mA/100 mA$ (RMS), Accuracy <0.2mA Frequency range DC 0.2kHz			
Connectivity	Ethernet (10/100MBit), PoE Modbus TCP			
Kentix system socket (type B)	RJ45 with Kentix-specific assignment for system extensions $2\ x$ digital input (e.g. door contacts, leakage detector, ext. alarms) $1\ x$ system BUS			
Rack locking lever connection (access control)	Connection of two electronic rack levers for access control with RFID/PIN via system socket			
Communication and security	HTTPS (certificate), integrated web server, ReSt-API Protocols: SNMP V2/3 (GET, TRAP), NTP, SMTP, DHCP, DNS			
Management	Master-slave management, SmartPDU or PowerManager can be configured as master, up to 100 slaves per master, automatic Software Deployment			
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 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)			
Display (LCD)	Illuminated LCD display for total measurement (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	approx. 80W (full load)		
Housing	Sheet metal, powder-coated RAL9005, protection class 1, protection rating IP20, mounting bracket can be mounted at 5U intervals		
Size	1770 x 78.2 x 62.5 mm (HxWxD)		
Weight	approx. 11,5kg		
Environmental conditions	-10°C to 55°C, humidity 5-95%, storage temperature: -20°C to 60°C		
Exams	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)		