

SmartPDU 40HE SWITCHED, 3×16/32A (up to 22kVA) - Datasheet



ORDER-CODES:

[KPMDU-RCSW-2406C13C19-3-32](#), [KPMDU-RCSW-2406C13C19-3-16](#), [KPMDU-RCSW-4800C13C19-3-32](#), [KPMDU-RCSW-4800C13C19-3-16](#)

| Types | KPMDU-RCSW-2406C13C19-3-32 | KPMDU-RCSW-4800C13C19-3-32 | KPMDU-RCSW-2406C13C19-3-16 | KPMDU-RCSW-4800C13C19-3-16 |
|---|---|---|--|---|
| Rated power, voltage | up to 22kVA, 230/400V | up to 13.8kVA, 230/400V | up to 11kVA, 230/400V | up to 11kVA, 230/400V |
| Connector plug | CEE plug(RED) according to IEC60309, 5-pole, 32A/230/400V | CEE plug(RED) according to IEC60309, 5-pole, 32A/230/400V | CEE plug(RED) according to IEC60309, 5-pole, 16A/230/400V | CEE plug(RED) according to IEC60309, 5-pole, 16A/230/400V |
| Connection cable | Length 3m, rubber sheathed cable H07RN-F-5G6 | Length 3m, rubber sheathed cable H07RN-F-5G6 | Length 3m, rubber hose cable H07RN-F-5G2.5 | Length 3m, rubber hose cable H07RN-F-5G2.5 |
| Sockets C13 (IEC60320) switchable, measured | 24, individually switchable (bistable relays) with LED | 48, individually switchable (bistable relays) with LED | 24, individually switchable (bistable relays) with LED | 48, individually switchable (bistable relays) with LED |
| Sockets C19 (IEC60320) switchable, measured | 6, individually switchable (bistable relays) with LED | 0 | 6, individually switchable (bistable relays) with LED | 0 |
| Locking sockets | IEC-LOCK for C13/C19 | | | |
| Fuse circuit breaker | 6 x 16A C-type, 6kA short-circuit current, interlocked | 6 x 16A 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 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 ±300mA/100mA (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 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) | | | |
| 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) | | | |