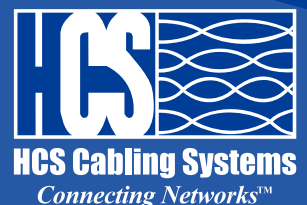


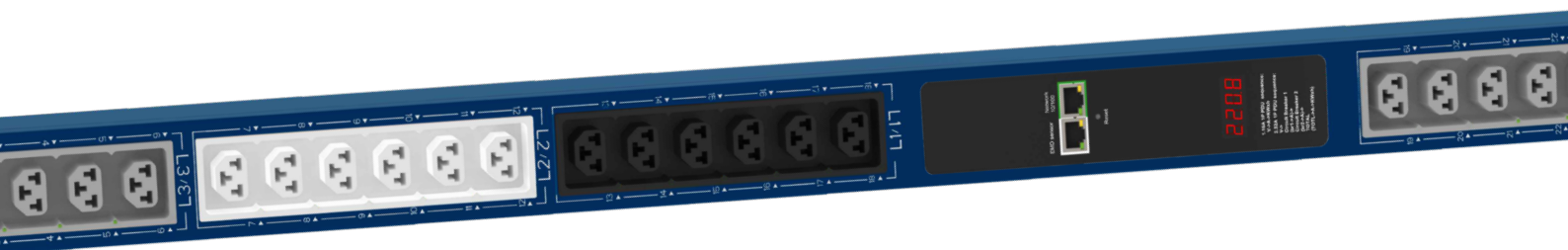
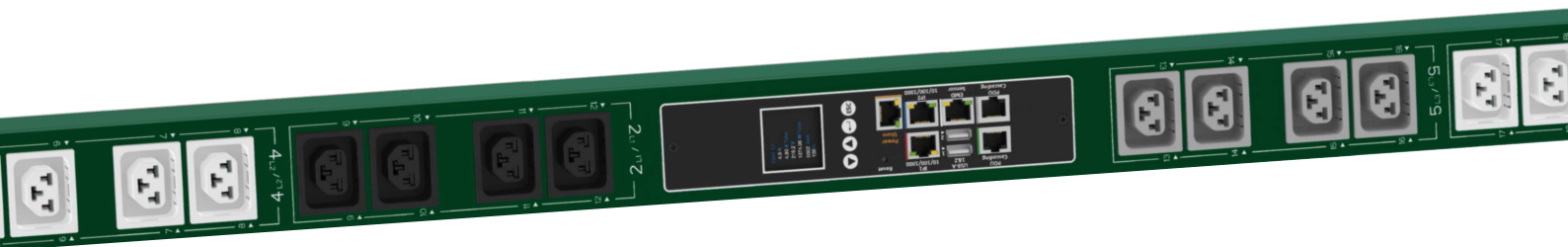
# HCS rack Power Distribution Units (rPDUs) Intelligent Power Solutions for Data Centers

*Reliable and Scalable Power Distribution  
for Mission-Critical Environments*



*Powering the Future of Data Centers*



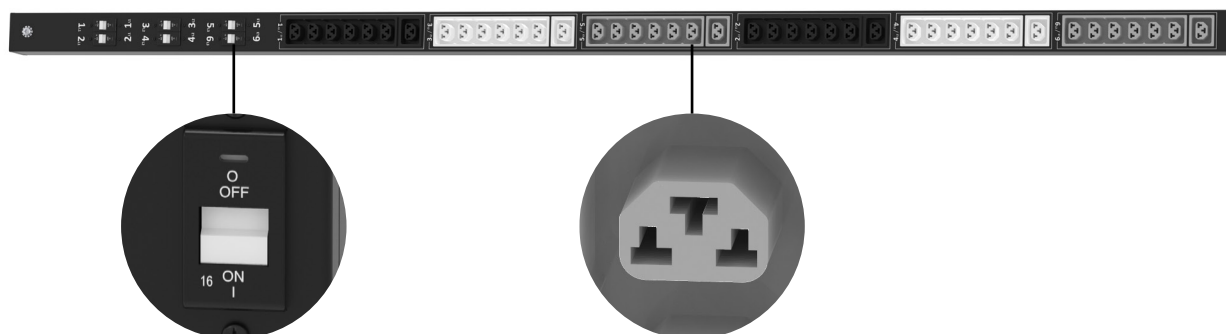


HCS rack Power Distribution Units (rPDUs) provide high-performance, scalable, and intelligent power management solutions for modern data centers, server rooms, and enterprise IT infrastructure. Designed to maximize uptime, improve efficiency, and enhance operational control, HCS rPDUs integrate C13, C15, C19, C21 combined sockets, eliminating the need for multiple rPDU models while ensuring seamless compatibility with a wide range of IT equipment.

### HCS rPDU Product Range:

#### 1. Basic rPDUs – High-Reliability Power Distribution

HCS Basic rPDUs are engineered for uninterrupted, high-quality power distribution in rack-mounted environments. Built for efficiency and durability, these rPDUs ensure stable power delivery without additional management features, making them an ideal choice for cost-effective deployments in environments with stable power demand.



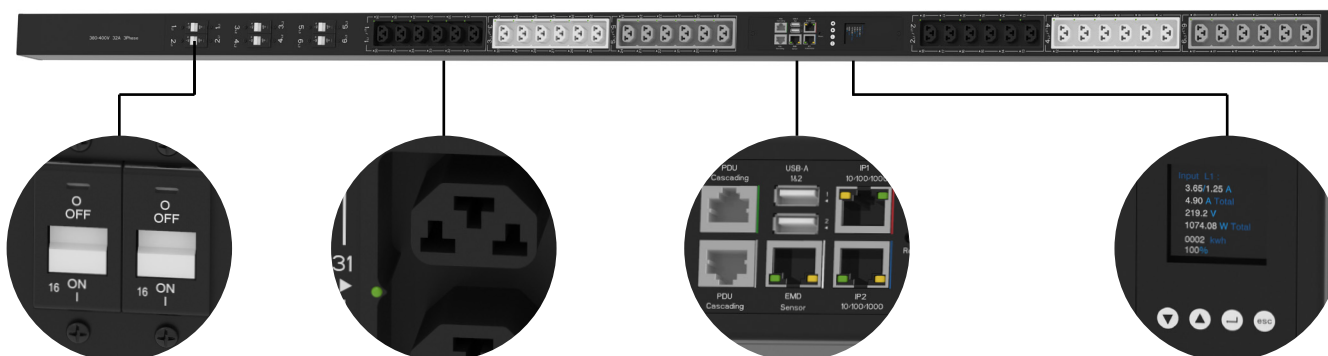
##### Key Features:

- **C13, C15, C19, C21 Combined Sockets** – Eliminates the need for separate rPDUs, ensuring full compatibility with various IT equipment configurations.
- **Robust Industrial-Grade Construction** – Designed for continuous 24/7 operation in high-density environments.
- **Optimized Load Balancing** – Ensures even power distribution across all connected devices, preventing localized overloading.

#### 2. Metered rPDUs – Real-Time Power Monitoring & Efficiency Optimization

HCS Metered rPDUs provide real-time visibility into power consumption at the rack level, allowing data center operators to optimize power usage, prevent overloads, and enhance overall energy efficiency.

These rPDUs help organizations comply with energy efficiency regulations while reducing operational costs.



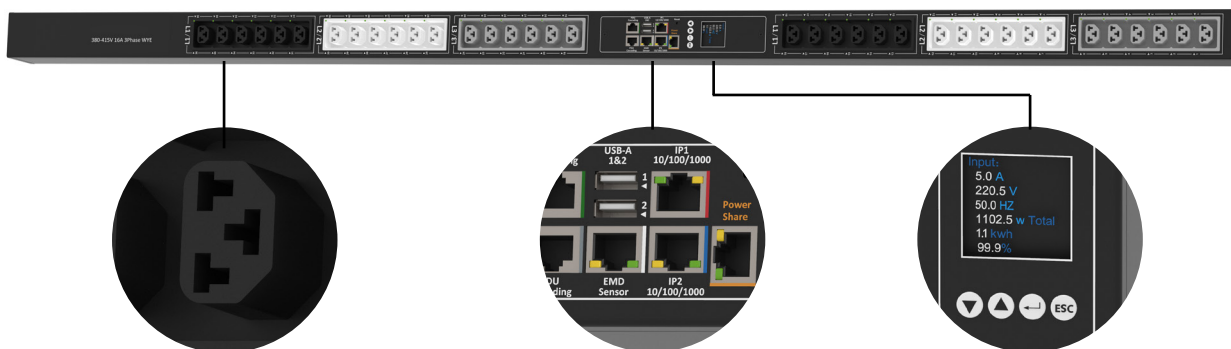
##### Key Features:

- **Integrated Power Metering** – Provides precise monitoring of current (A), voltage (V), power factor, active power (kW), and energy consumption (kWh).
- **C13, C15, C19, C21 Combined Sockets** – Supports diverse hardware configurations without requiring frequent rPDU replacements.
- **Replaceable Hot-Swappable Controller with 4-Button OLED Display** – Ensures easy on-site maintenance, eliminating downtime for firmware updates, configuration changes, or controller failures.
- **Circuit Overload Protection** – Prevents unexpected downtime and enhances power stability.
- **High-Resolution OLED Display** – Offers clear real-time monitoring with 4-button navigation for intuitive control and diagnostics.
- **Remote Power Monitoring (Optional)** – Enables integration with SNMP-based DCIM (Data Center Infrastructure Management) software.
- **Phase Load Balancing** – Helps distribute power efficiently across multiple circuits, optimizing utilization and preventing imbalances.



### 3. Metered & Switched rPDUs – Intelligent Remote Power Management & Automation

For maximum control, automation, and efficiency, HCS Metered & Switched rPDUs combine real-time metering with remote power switching capabilities. These advanced rPDUs allow IT teams to remotely manage power distribution, reboot unresponsive devices, and implement power cycling schedules—essential for large-scale data centers, colocation facilities, and cloud environments.



#### Key Features:

- **C13,C15,C19,C21 Combined Sockets** – Ensures seamless scalability and eliminates infrastructure compatibility issues.
- **Replaceable Hot-Swappable Controller with 4-Button OLED Display** – Enables fast, tool-less controller replacement without power disruption, ensuring maximum uptime.
- **Secure Remote Management (SNMP/Web Interface)** – Enables real-time control via secure web access, SNMP, or API integration.
- **Per-Outlet Power Switching** – Allows remote power cycling, delayed startups, and load prioritization to prevent power spikes.
- **Programmable Power Sequencing** – Supports scheduled sequential startup of IT equipment to avoid inrush currents that may cause circuit overloads.
- **User-Defined Alerts & Thresholds** – Allows administrators to configure custom notifications for voltage fluctuations, power surges, or overload conditions.
- **Energy Optimization & Cost Reduction** – Enables advanced power tracking, analytics, and automation to improve efficiency.
- **Multi-Tenant & Colocation Support** – Advanced role-based access control (RBAC) allows multiple users to manage their own power settings within a shared environment.
- **Automatic Fault Detection & Self-Diagnostics** – Built-in power anomaly detection ensures proactive issue identification, reducing the risk of outages.

### Why Choose HCS rPDUs?

- ✓ **Flexible & Scalable** – Universal C13,C15,C19,C21 combined outlets support a wide range of devices, eliminating compatibility concerns.
- ✓ **Optimized for Reliability** – Industrial-grade design ensures continuous and stable power delivery in high-density environments.
- ✓ **Advanced Power Monitoring** – Real-time metering for accurate power usage analysis and efficiency improvements.
- ✓ **Replaceable Hot-Swappable Controller** – Minimizes downtime with quick and easy maintenance, ensuring continuous operation.
- ✓ **Remote & Intelligent Management** – Enhanced control with web-based, SNMP, and API-driven remote power management.
- ✓ **Cost-Effective Power Distribution** – Designed for maximum efficiency, reducing operational and maintenance costs over time.

HCS rack Power Distribution Units (rPDUs) provide a future-proof, high-performance power distribution solution for data centers and enterprise IT infrastructure. With advanced power monitoring, remote management, and universal C13,C15,C19,C21 combined sockets, HCS rPDUs enhance operational efficiency, reduce downtime, and ensure seamless scalability.

The integration of a Replaceable Hot-Swappable Controller with a 4-Button OLED Display ensures minimal downtime and effortless maintenance—making HCS rPDUs the optimal choice for mission-critical environments.

## HCS Cabling System: Powering the Future of Data Centers.





1 2 3 4 5 6 7 8 - 9 10 11 12 13 14 15 - 16 17 18

1	X= IEX (C13,C15,C19,C21) all in one socket	2	N= Without Breaker B= With Breaker	7 8	55 = 55x55mm Chassis Vertical mount 60 = 60x72mm Chassis Vertical mount 19 = 19 inch Horizontal mount
3 4 5 6	BPDU = Basic rPDU BPIM = Local Metered rPDU NPIM = Simple IP Metered rPDU SPIM = Input and Breaker Metered rPDU SPOS = Input and Breaker Metered + Outlet Switched rPDU SPOM = Input, Breaker and Outlet Metered rPDU SPOX = Input, Breaker and Outlet Metered + Outlet Switched rPDU	9 10	12 = 12 sockets 24 = 24 sockets 30 = 30 sockets 36 = 36 sockets 42 = 42 sockets		
11 12 13	16A = 16A Current 32A = 32A Current 63A = 63A Current 125 = 125A Current	14 15	1P = Single Phase 3P = Three Phase	16	V = Vertical Mount H = Horizontal Mount
17 18	BK = Black Chassis (Default) RD = Red Chassis BL = Blue Chassis GR = Green Chassis GY = Gray Chassis WH = White Chassis YL = Yellow Chassis				

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## HCS EMD - Environmental Monitoring with Smart Detectors

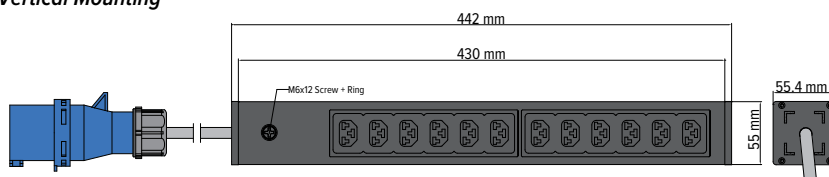
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## Description

HCS BPDU Series, Basic rPDU, 12 IEX, 16A, Single Phase, Vertical Mounting

## Qualifications and Approvals

- ☒ IEC 62368-1 (3rd Edition)
- ☒ RoHS
- ☒ CE



## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 16A 250V single phase
Lead Length	3 meter
Cable Type	H05VV-F3G1.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	3680W
Rated Output Voltage	190-250V single phase
Output Types	12 IEX (C13,C15,C19,C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	442 x 55 x 55.4 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

HCS P/N	Description
XNBPDU55-1216A1P-VBK	HCS BPDU, 12 IEX, 16A, Single Phase, Vertical Mounting, Black Chassis rPDU
XNBPDU55-1216A1P-VRD	HCS BPDU, 12 IEX, 16A, Single Phase, Vertical Mounting, Red Chassis rPDU
XNBPDU55-1216A1P-VBL	HCS BPDU, 12 IEX, 16A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XNBPDU55-1216A1P-VGR	HCS BPDU, 12 IEX, 16A, Single Phase, Vertical Mounting, Green Chassis rPDU
XNBPDU55-1216A1P-VGY	HCS BPDU, 12 IEX, 16A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XNBPDU55-1216A1P-VWH	HCS BPDU, 12 IEX, 16A, Single Phase, Vertical Mounting, White Chassis rPDU
XNBPDU55-1216A1P-VYL	HCS BPDU, 12 IEX, 16A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

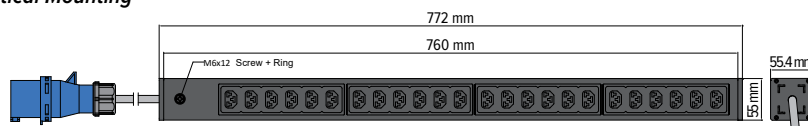


## Description

HCS BPDU Series, Basic rPDU, 24 IEX, 16A, Single Phase, Vertical Mounting

## Qualifications and Approvals

- ☒ IEC 62368-1 (3rd Edition)
- ☒ RoHS
- ☒ CE



## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 16A 250V single phase
Lead Length	3 meter
Cable Type	H05VV-F3G1.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	3680W
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13, C15, C19, C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	772 x 55 x 55.4 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

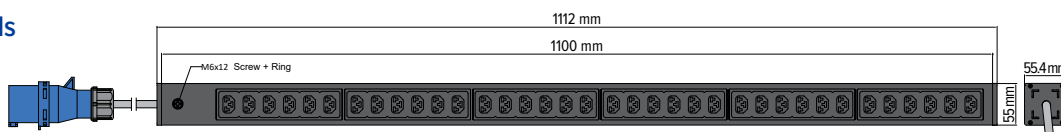
HCS P/N	Description
XNBPDU55-2416A1P-VBK	HCS BPDU, 24 IEX, 16A, Single Phase, Vertical Mounting, Black Chassis rPDU
XNBPDU55-2416A1P-VRD	HCS BPDU, 24 IEX, 16A, Single Phase, Vertical Mounting, Red Chassis rPDU
XNBPDU55-2416A1P-VBL	HCS BPDU, 24 IEX, 16A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XNBPDU55-2416A1P-VGR	HCS BPDU, 24 IEX, 16A, Single Phase, Vertical Mounting, Green Chassis rPDU
XNBPDU55-2416A1P-VGY	HCS BPDU, 24 IEX, 16A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XNBPDU55-2416A1P-VWH	HCS BPDU, 24 IEX, 16A, Single Phase, Vertical Mounting, White Chassis rPDU
XNBPDU55-2416A1P-VYL	HCS BPDU, 24 IEX, 16A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

HCS BPDU Series, Basic rPDU, 36 IEX, 16A, Single Phase, Vertical Mounting

## Qualifications and Approvals

- ☒ IEC 62368-1 (3rd Edition)
- ☒ RoHS
- ☒ CE



## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 16A 250V single phase
Lead Length	3 meter
Cable Type	H05VV-F3G1.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	3680W
Rated Output Voltage	190-250V single phase
Output Types	36 IEX (C13, C15, C19, C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1112 x 55 x 55.4 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

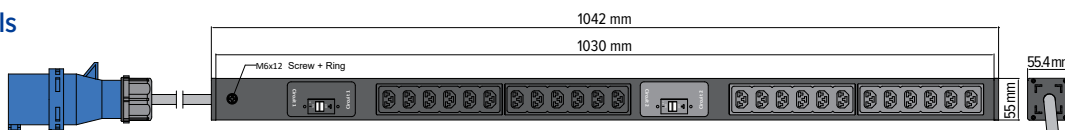
HCS P/N	Description
XNBPDU55-3616A1P-VBK	HCS BPDU, 36 IEX, 16A, Single Phase, Vertical Mounting, Black Chassis rPDU
XNBPDU55-3616A1P-VRD	HCS BPDU, 36 IEX, 16A, Single Phase, Vertical Mounting, Red Chassis rPDU
XNBPDU55-3616A1P-VBL	HCS BPDU, 36 IEX, 16A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XNBPDU55-3616A1P-VGR	HCS BPDU, 36 IEX, 16A, Single Phase, Vertical Mounting, Green Chassis rPDU
XNBPDU55-3616A1P-VGY	HCS BPDU, 36 IEX, 16A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XNBPDU55-3616A1P-VWH	HCS BPDU, 36 IEX, 16A, Single Phase, Vertical Mounting, White Chassis rPDU
XNBPDU55-3616A1P-VYL	HCS BPDU, 36 IEX, 16A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

HCS BPDU Series, Basic rPDU, 24 IEX, 32A, Single Phase, Vertical Mounting

## Qualifications and Approvals

- ☒ IEC 62368-1 (3rd Edition)
- ☒ RoHS
- ☒ CE



## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 32A 250V single phase
Lead Length	3 meter
Cable Type	H07RN-F3G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	7360W
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13,C15,C19,C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	(2) 1 Pole Carling 16A L Series L31-B0-24-616-H12-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1042 x 55 x 55.4 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

HCS P/N	Description
XBBPDU55-2432A1P-VBK	HCS BPDU, 24 IEX, 32A, Single Phase, Vertical Mounting, Black Chassis rPDU
XBBPDU55-2432A1P-VRD	HCS BPDU, 24 IEX, 32A, Single Phase, Vertical Mounting, Red Chassis rPDU
XBBPDU55-2432A1P-VBL	HCS BPDU, 24 IEX, 32A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XBBPDU55-2432A1P-VGR	HCS BPDU, 24 IEX, 32A, Single Phase, Vertical Mounting, Green Chassis rPDU
XBBPDU55-2432A1P-VGY	HCS BPDU, 24 IEX, 32A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XBBPDU55-2432A1P-VWH	HCS BPDU, 24 IEX, 32A, Single Phase, Vertical Mounting, White Chassis rPDU
XBBPDU55-2432A1P-VYL	HCS BPDU, 24 IEX, 32A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

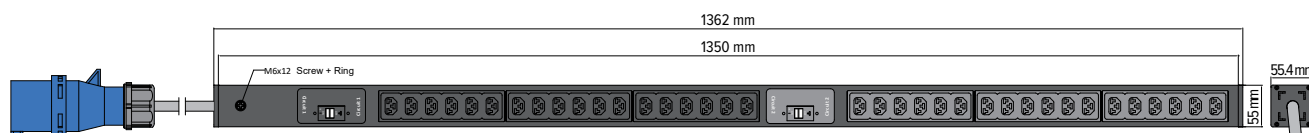


## Description

HCS BPDU Series, Basic rPDU, 36 IEX, 32A, Single Phase, Vertical Mounting

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 32A 250V single phase
Lead Length	3 meter
Cable Type	H07RN-F3G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	7360W
Rated Output Voltage	190-250V single phase
Output Types	36 IEX (C13, C15, C19, C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	(2) 1 Pole Carling 16A L Series L31-B0-24-616-H12-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1362 x 55 x 55.4 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

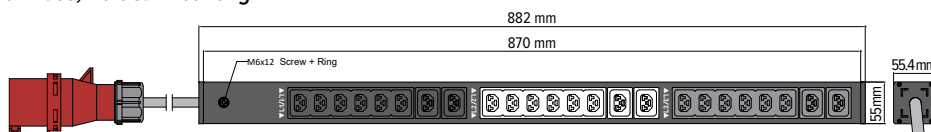
HCS P/N	Description
XBBPDU55-3632A1P-VBK	HCS BPDU, 36 IEX, 32A, Single Phase, Vertical Mounting, Black Chassis rPDU
XBBPDU55-3632A1P-VRD	HCS BPDU, 36 IEX, 32A, Single Phase, Vertical Mounting, Red Chassis rPDU
XBBPDU55-3632A1P-VBL	HCS BPDU, 36 IEX, 32A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XBBPDU55-3632A1P-VGR	HCS BPDU, 36 IEX, 32A, Single Phase, Vertical Mounting, Green Chassis rPDU
XBBPDU55-3632A1P-VGY	HCS BPDU, 36 IEX, 32A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XBBPDU55-3632A1P-VWH	HCS BPDU, 36 IEX, 32A, Single Phase, Vertical Mounting, White Chassis rPDU
XBBPDU55-3632A1P-VYL	HCS BPDU, 36 IEX, 32A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

HCS BPDU Series, Basic rPDU, 24 IEX, 16A, Three Phase, Vertical Mounting

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 16A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G2.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	11kW
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13,C15,C19,C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	882 x 55 x 55.4 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

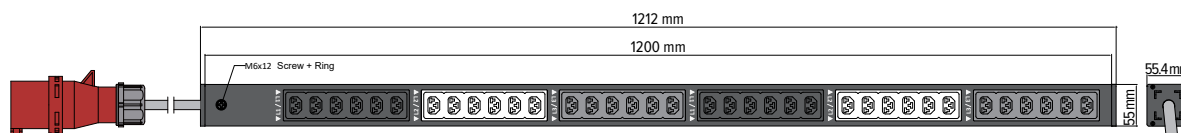
HCS P/N	Description
XNBPDU55-2416A3P-VBK	HCS BPDU, 24 IEX, 16A, Three Phase, Vertical Mounting, Black Chassis rPDU
XNBPDU55-2416A3P-VRD	HCS BPDU, 24 IEX, 16A, Three Phase, Vertical Mounting, Red Chassis rPDU
XNBPDU55-2416A3P-VBL	HCS BPDU, 24 IEX, 16A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XNBPDU55-2416A3P-VGR	HCS BPDU, 24 IEX, 16A, Three Phase, Vertical Mounting, Green Chassis rPDU
XNBPDU55-2416A3P-VGY	HCS BPDU, 24 IEX, 16A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XNBPDU55-2416A3P-VWH	HCS BPDU, 24 IEX, 16A, Three Phase, Vertical Mounting, White Chassis rPDU
XNBPDU55-2416A3P-VYL	HCS BPDU, 24 IEX, 16A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

HCS BPDU Series, Basic rPDU, 36 IEX, 16A, Three Phase, Vertical Mounting

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 16A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G2.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	11kW
Rated Output Voltage	190-250V single phase
Output Types	36 IEX (C13,C15,C19,C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1212 x 55 x 55.4 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

HCS P/N	Description
XNBPDU55-3616A3P-VBK	HCS BPDU, 36 IEX, 16A, Three Phase, Vertical Mounting, Black Chassis rPDU
XNBPDU55-3616A3P-VRD	HCS BPDU, 36 IEX, 16A, Three Phase, Vertical Mounting, Red Chassis rPDU
XNBPDU55-3616A3P-VBL	HCS BPDU, 36 IEX, 16A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XNBPDU55-3616A3P-VGR	HCS BPDU, 36 IEX, 16A, Three Phase, Vertical Mounting, Green Chassis rPDU
XNBPDU55-3616A3P-VGY	HCS BPDU, 36 IEX, 16A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XNBPDU55-3616A3P-VWH	HCS BPDU, 36 IEX, 16A, Three Phase, Vertical Mounting, White Chassis rPDU
XNBPDU55-3616A3P-VYL	HCS BPDU, 36 IEX, 16A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

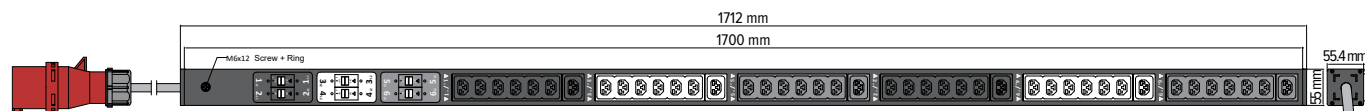


## Description

HCS BPDU Series, Basic rPDU, 42 IEX, 32A, Three Phase, Vertical Mounting

## Qualifications and Approvals

- ☒ IEC 62368-1 (3rd Edition)
- ☒ RoHS
- ☒ CE



## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 32A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	22.1kW
Rated Output Voltage	190-250V single phase
Output Types	42 IEX (C13, C15, C19, C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	(6) 1 Pole Carling 16A L Series L31-B0-24-616-H12-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1712 x 55 x 55.4 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

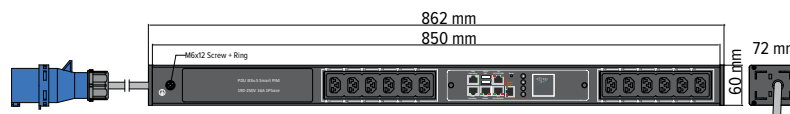
HCS P/N	Description
XBBPDU55-4232A3P-VBK	HCS BPDU, 42 IEX, 32A, Three Phase, Vertical Mounting, Black Chassis rPDU
XBBPDU55-4232A3P-VRD	HCS BPDU, 42 IEX, 32A, Three Phase, Vertical Mounting, Red Chassis rPDU
XBBPDU55-4232A3P-VBL	HCS BPDU, 42 IEX, 32A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XBBPDU55-4232A3P-VGR	HCS BPDU, 42 IEX, 32A, Three Phase, Vertical Mounting, Green Chassis rPDU
XBBPDU55-4232A3P-VGY	HCS BPDU, 42 IEX, 32A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XBBPDU55-4232A3P-VWH	HCS BPDU, 42 IEX, 32A, Three Phase, Vertical Mounting, White Chassis rPDU
XBBPDU55-4232A3P-VYL	HCS BPDU, 42 IEX, 32A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

HCS SPIM Series, Smart Per Inlet Monitoring rPDU, 12 IEX, 16A, Single Phase, Vertical Mounting

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Inlet Monitoring
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
rPDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No (optional)
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 16A 250V single phase
Lead Length	3 meter
Cable Type	H05VV-F3G1.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	3680W
Rated Output Voltage	190-250V single phase
Output Types	12 IEX (C13,C15,C19,C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	862 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in-lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

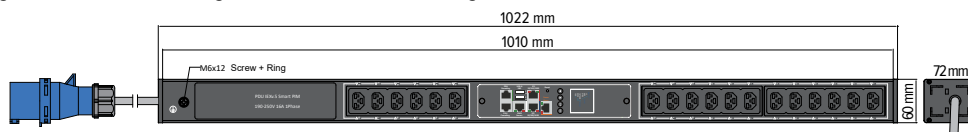
HCS P/N	Description
XNSPIM60-1216A1P-VBK	HCS SPIM, 12 IEX, 16A, Single Phase, Vertical Mounting, Black Chassis rPDU
XNSPIM60-1216A1P-VRD	HCS SPIM, 12 IEX, 16A, Single Phase, Vertical Mounting, Red Chassis rPDU
XNSPIM60-1216A1P-VBL	HCS SPIM, 12 IEX, 16A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XNSPIM60-1216A1P-VGR	HCS SPIM, 12 IEX, 16A, Single Phase, Vertical Mounting, Green Chassis rPDU
XNSPIM60-1216A1P-VGY	HCS SPIM, 12 IEX, 16A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XNSPIM60-1216A1P-VWH	HCS SPIM, 12 IEX, 16A, Single Phase, Vertical Mounting, White Chassis rPDU
XNSPIM60-1216A1P-VYL	HCS SPIM, 12 IEX, 16A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

*HCS SPIM Series, Smart Per Inlet Monitoring rPDU, 18 IEX, 16A, Single Phase, Vertical Mounting*

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Inlet Monitoring
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No (optional)
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 16A 250V single phase
Lead Length	3 meter
Cable Type	H05VV-F3G1.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	3680W
Rated Output Voltage	190-250V single phase
Output Types	18 IEX (C13, C15, C19, C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1022 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in-lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

HCS P/N	Description
XNSPIM60-1816A1P-VBK	HCS SPIM, 18 IEX, 16A, Single Phase, Vertical Mounting, Black Chassis rPDU
XNSPIM60-1816A1P-VRD	HCS SPIM, 18 IEX, 16A, Single Phase, Vertical Mounting, Red Chassis rPDU
XNSPIM60-1816A1P-VBL	HCS SPIM, 18 IEX, 16A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XNSPIM60-1816A1P-VGR	HCS SPIM, 18 IEX, 16A, Single Phase, Vertical Mounting, Green Chassis rPDU
XNSPIM60-1816A1P-VGY	HCS SPIM, 18 IEX, 16A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XNSPIM60-1816A1P-VWH	HCS SPIM, 18 IEX, 16A, Single Phase, Vertical Mounting, White Chassis rPDU
XNSPIM60-1816A1P-VYL	HCS SPIM, 18 IEX, 16A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

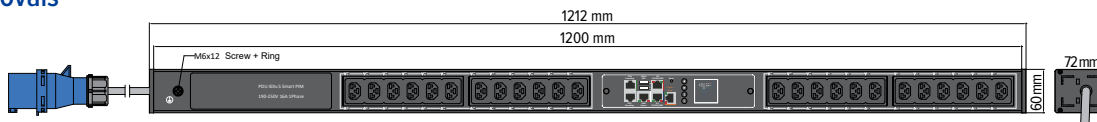


### Description

HCS SPIM Series, Smart Per Inlet Monitoring rPDU, 24 IEX, 16A, Single Phase, Vertical Mounting

### Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



### GENERAL PROPERTIES

Technology	Per Inlet Monitoring
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No (optional)
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

### INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 16A 250V single phase
Lead Length	3 meter
Cable Type	H05VV-F3G1.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	3680W
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13, C15, C19, C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

### PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1212 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

### ORDERING INFORMATION

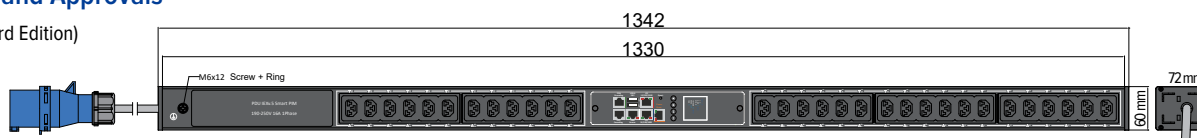
HCS P/N	Description
XNSPIM60-2416A1P-VBK	HCS SPIM, 24 IEX, 16A, Single Phase, Vertical Mounting, Black Chassis rPDU
XNSPIM60-2416A1P-VRD	HCS SPIM, 24 IEX, 16A, Single Phase, Vertical Mounting, Red Chassis rPDU
XNSPIM60-2416A1P-VBL	HCS SPIM, 24 IEX, 16A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XNSPIM60-2416A1P-VGR	HCS SPIM, 24 IEX, 16A, Single Phase, Vertical Mounting, Green Chassis rPDU
XNSPIM60-2416A1P-VGY	HCS SPIM, 24 IEX, 16A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XNSPIM60-2416A1P-VWH	HCS SPIM, 24 IEX, 16A, Single Phase, Vertical Mounting, White Chassis rPDU
XNSPIM60-2416A1P-VYL	HCS SPIM, 24 IEX, 16A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

HCS SPIM Series, Smart Per Inlet Monitoring rPDU, 30 IEX, 16A, Single Phase, Vertical Mounting

## Qualifications and Approvals

- ☒ IEC 62368-1 (3rd Edition)
- ☒ RoHS
- ☒ CE



## GENERAL PROPERTIES

Technology	Per Inlet Monitoring
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No (optional)
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 16A 250V single phase
Lead Length	3 meter
Cable Type	H05VV-F3G1.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	3680W
Rated Output Voltage	190-250V single phase
Output Types	30 IEX (C13,C15,C19,C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1342 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

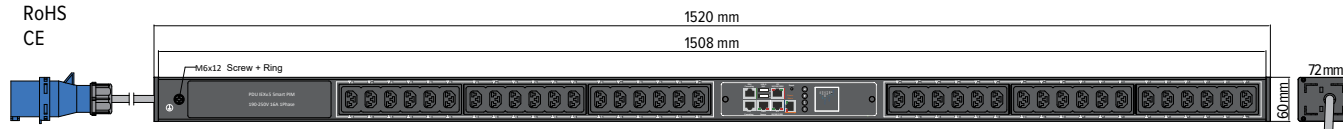
HCS P/N	Description
XNSPIM60-3016A1P-VBK	HCS SPIM, 30 IEX, 16A, Single Phase, Vertical Mounting, Black Chassis rPDU
XNSPIM60-3016A1P-VRD	HCS SPIM, 30 IEX, 16A, Single Phase, Vertical Mounting, Red Chassis rPDU
XNSPIM60-3016A1P-VBL	HCS SPIM, 30 IEX, 16A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XNSPIM60-3016A1P-VGR	HCS SPIM, 30 IEX, 16A, Single Phase, Vertical Mounting, Green Chassis rPDU
XNSPIM60-3016A1P-VGY	HCS SPIM, 30 IEX, 16A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XNSPIM60-3016A1P-VWH	HCS SPIM, 30 IEX, 16A, Single Phase, Vertical Mounting, White Chassis rPDU
XNSPIM60-3016A1P-VYL	HCS SPIM, 30 IEX, 16A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

*HCS SPIM Series, Smart Per Inlet Monitoring rPDU, 36 IEX, 16A, Single Phase, Vertical Mounting*

## Qualifications and Approvals

- ☒ IEC 62368-1 (3rd Edition)
- ☒ RoHS
- ☒ CE



## GENERAL PROPERTIES

Technology	Per Inlet Monitoring
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No (optional)
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 16A 250V single phase
Lead Length	3 meter
Cable Type	H05VV-F3G1.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	3680W
Rated Output Voltage	190-250V single phase
Output Types	36 IEX (C13, C15, C19, C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1520 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in-lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

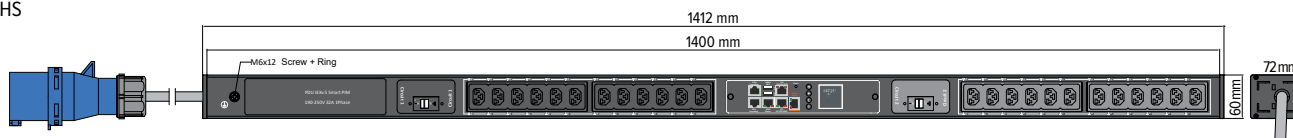
HCS P/N	Description
XNSPIM60-3616A1P-VBK	HCS SPIM, 36 IEX, 16A, Single Phase, Vertical Mounting, Black Chassis rPDU
XNSPIM60-3616A1P-VRD	HCS SPIM, 36 IEX, 16A, Single Phase, Vertical Mounting, Red Chassis rPDU
XNSPIM60-3616A1P-VBL	HCS SPIM, 36 IEX, 16A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XNSPIM60-3616A1P-VGR	HCS SPIM, 36 IEX, 16A, Single Phase, Vertical Mounting, Green Chassis rPDU
XNSPIM60-3616A1P-VGY	HCS SPIM, 36 IEX, 16A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XNSPIM60-3616A1P-VWH	HCS SPIM, 36 IEX, 16A, Single Phase, Vertical Mounting, White Chassis rPDU
XNSPIM60-3616A1P-VYL	HCS SPIM, 36 IEX, 16A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

### Description

*HCS SPIM Series, Smart Per Inlet Monitoring rPDU, 24 IEX, 32A, Single Phase, Vertical Mounting*

### Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



### GENERAL PROPERTIES

Technology	Per Inlet Monitoring
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No (optional)
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

### INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 32A 250V single phase
Lead Length	3 meter
Cable Type	H07RN-F3G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	7360W
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13,C15,C19,C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	(2) 1 Pole Carling 16A J Series J51-BO-24-616-M1D-D3

### PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1412 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

### ORDERING INFORMATION

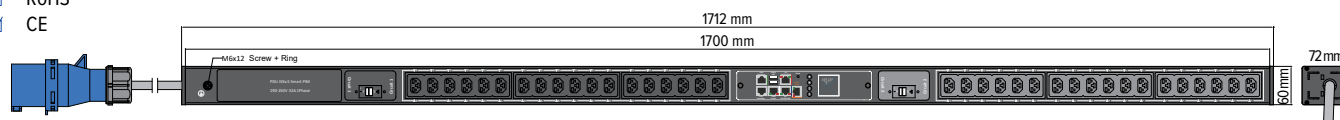
HCS P/N	Description
XBSPIM60-2432A1P-VBK	HCS SPIM, 24 IEX, 32A, Single Phase, Vertical Mounting, Black Chassis rPDU
XBSPIM60-2432A1P-VRD	HCS SPIM, 24 IEX, 32A, Single Phase, Vertical Mounting, Red Chassis rPDU
XBSPIM60-2432A1P-VBL	HCS SPIM, 24 IEX, 32A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XBSPIM60-2432A1P-VGR	HCS SPIM, 24 IEX, 32A, Single Phase, Vertical Mounting, Green Chassis rPDU
XBSPIM60-2432A1P-VGY	HCS SPIM, 24 IEX, 32A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XBSPIM60-2432A1P-VWH	HCS SPIM, 24 IEX, 32A, Single Phase, Vertical Mounting, White Chassis rPDU
XBSPIM60-2432A1P-VYL	HCS SPIM, 24 IEX, 32A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

HCS SPIM Series, Smart Per Inlet Monitoring rPDU, 36 IEX, 32A, Single Phase, Vertical Mounting

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Inlet Monitoring
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No (optional)
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 32A 250V single phase
Lead Length	3 meter
Cable Type	H07RN-F3G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	7360W
Rated Output Voltage	190-250V single phase
Output Types	36 IEX (C13,C15,C19,C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	(2) 1 Pole Carling 16A J Series J51-BO-24-616-M1D-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1712 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

HCS P/N	Description
XBSPIM60-3632A1P-VBK	HCS SPIM, 36 IEX, 32A, Single Phase, Vertical Mounting, Black Chassis rPDU
XBSPIM60-3632A1P-VRD	HCS SPIM, 36 IEX, 32A, Single Phase, Vertical Mounting, Red Chassis rPDU
XBSPIM60-3632A1P-VBL	HCS SPIM, 36 IEX, 32A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XBSPIM60-3632A1P-VGR	HCS SPIM, 36 IEX, 32A, Single Phase, Vertical Mounting, Green Chassis rPDU
XBSPIM60-3632A1P-VGY	HCS SPIM, 36 IEX, 32A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XBSPIM60-3632A1P-VWH	HCS SPIM, 36 IEX, 32A, Single Phase, Vertical Mounting, White Chassis rPDU
XBSPIM60-3632A1P-VYL	HCS SPIM, 36 IEX, 32A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

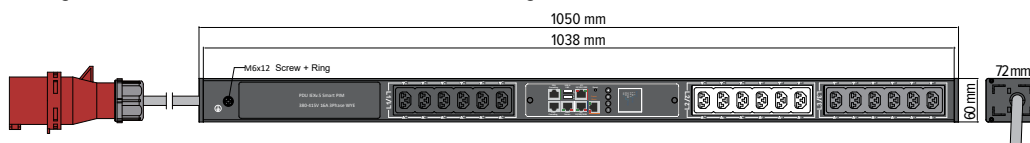


## Description

*HCS SPIM Series, Smart Per Inlet Monitoring rPDU, 18 IEX, 16A, Three Phase, Vertical Mounting*

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Inlet Monitoring
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No (optional)
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 16A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G2.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	11kW
Rated Output Voltage	190-250V single phase
Output Types	18 IEX (C13, C15, C19, C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1050 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

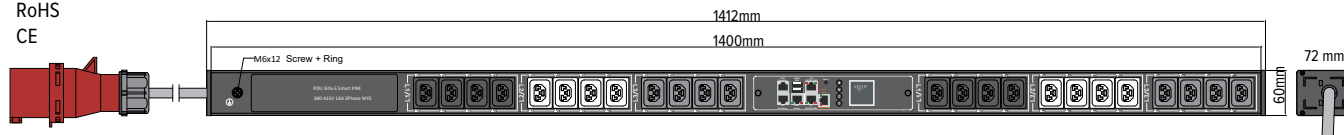
HCS P/N	Description
XNSPIM60-1816A3P-VBK	HCS SPIM, 18 IEX, 16A, Three Phase, Vertical Mounting, Black Chassis rPDU
XNSPIM60-1816A3P-VRD	HCS SPIM, 18 IEX, 16A, Three Phase, Vertical Mounting, Red Chassis rPDU
XNSPIM60-1816A3P-VBL	HCS SPIM, 18 IEX, 16A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XNSPIM60-1816A3P-VGR	HCS SPIM, 18 IEX, 16A, Three Phase, Vertical Mounting, Green Chassis rPDU
XNSPIM60-1816A3P-VGY	HCS SPIM, 18 IEX, 16A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XNSPIM60-1816A3P-VWH	HCS SPIM, 18 IEX, 16A, Three Phase, Vertical Mounting, White Chassis rPDU
XNSPIM60-1816A3P-VYL	HCS SPIM, 18 IEX, 16A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

HCS SPIM Series, Smart Per Inlet Monitoring rPDU, 24 IEX, 16A, Three Phase, Vertical Mounting

## Qualifications and Approvals

- ☒ IEC 62368-1 (3rd Edition)
- ☒ RoHS
- ☒ CE



## GENERAL PROPERTIES

Technology	Per Inlet Monitoring
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No (optional)
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 16A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G2.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	11kW
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13, C15, C19, C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1412 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in-lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

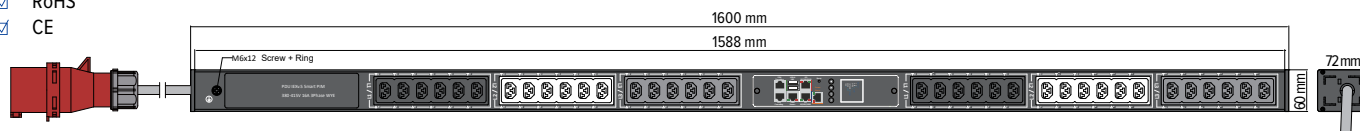
HCS P/N	Description
XNSPIM60-2416A3P-VBK	HCS SPIM, 24 IEX, 16A, Three Phase, Vertical Mounting, Black Chassis rPDU
XNSPIM60-2416A3P-VRD	HCS SPIM, 24 IEX, 16A, Three Phase, Vertical Mounting, Red Chassis rPDU
XNSPIM60-2416A3P-VBL	HCS SPIM, 24 IEX, 16A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XNSPIM60-2416A3P-VGR	HCS SPIM, 24 IEX, 16A, Three Phase, Vertical Mounting, Green Chassis rPDU
XNSPIM60-2416A3P-VGY	HCS SPIM, 24 IEX, 16A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XNSPIM60-2416A3P-VWH	HCS SPIM, 24 IEX, 16A, Three Phase, Vertical Mounting, White Chassis rPDU
XNSPIM60-2416A3P-VYL	HCS SPIM, 24 IEX, 16A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

*HCS SPIM Series, Smart Per Inlet Monitoring rPDU, 36 IEX, 16A, Three Phase, Vertical Mounting*

## Qualifications and Approvals

- ☒ IEC 62368-1 (3rd Edition)
- ☒ RoHS
- ☒ CE



## GENERAL PROPERTIES

Technology	Per Inlet Monitoring
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No (optional)
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 16A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G2.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	11kW
Rated Output Voltage	190-250V single phase
Output Types	36 IEX (C13, C15, C19, C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1600 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in-lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

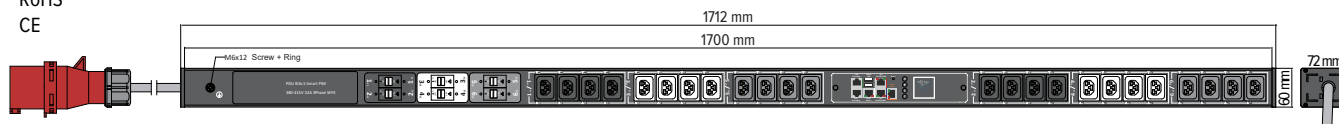
HCS P/N	Description
XNSPIM60-3616A3P-VBK	HCS SPIM, 36 IEX, 16A, Three Phase, Vertical Mounting, Black Chassis rPDU
XNSPIM60-3616A3P-VRD	HCS SPIM, 36 IEX, 16A, Three Phase, Vertical Mounting, Red Chassis rPDU
XNSPIM60-3616A3P-VBL	HCS SPIM, 36 IEX, 16A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XNSPIM60-3616A3P-VGR	HCS SPIM, 36 IEX, 16A, Three Phase, Vertical Mounting, Green Chassis rPDU
XNSPIM60-3616A3P-VGY	HCS SPIM, 36 IEX, 16A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XNSPIM60-3616A3P-VWH	HCS SPIM, 36 IEX, 16A, Three Phase, Vertical Mounting, White Chassis rPDU
XNSPIM60-3616A3P-VYL	HCS SPIM, 36 IEX, 16A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

### Description

*HCS SPIM Series, Smart Per Inlet Monitoring rPDU, 24 IEX, 32A, Three Phase, Vertical Mounting*

### Qualifications and Approvals

- ☒ IEC 62368-1 (3rd Edition)
- ☒ RoHS
- ☒ CE



### GENERAL PROPERTIES

Technology	Per Inlet Monitoring
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

### INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 32A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	22.1kW
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13,C15,C19,C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	(6) 1 Pole Carling 16A J Series J51-BO-24-616-M1D-D3

### PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1712 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

### ORDERING INFORMATION

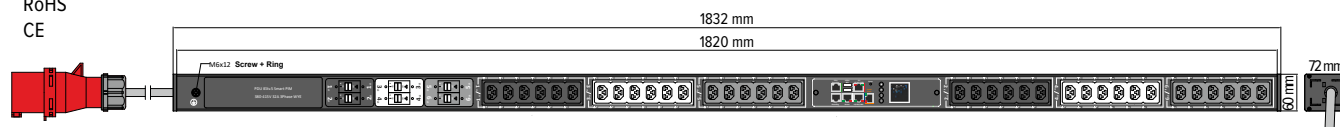
HCS P/N	Description
XBSPIM60-2432A3P-VBK	HCS SPIM, 24 IEX, 32A, Three Phase, Vertical Mounting, Black Chassis rPDU
XBSPIM60-2432A3P-VRD	HCS SPIM, 24 IEX, 32A, Three Phase, Vertical Mounting, Red Chassis rPDU
XBSPIM60-2432A3P-VBL	HCS SPIM, 24 IEX, 32A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XBSPIM60-2432A3P-VGR	HCS SPIM, 24 IEX, 32A, Three Phase, Vertical Mounting, Green Chassis rPDU
XBSPIM60-2432A3P-VGY	HCS SPIM, 24 IEX, 32A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XBSPIM60-2432A3P-VWH	HCS SPIM, 24 IEX, 32A, Three Phase, Vertical Mounting, White Chassis rPDU
XBSPIM60-2432A3P-VYL	HCS SPIM, 24 IEX, 32A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

HCS SPIM Series, Smart Per Inlet Monitoring rPDU, 36 IEX, 32A, Three Phase, Vertical Mounting

## Qualifications and Approvals

- ☒ IEC 62368-1 (3rd Edition)
- ☒ RoHS
- ☒ CE



## GENERAL PROPERTIES

Technology	Per Inlet Monitoring
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 32A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	22.1kW
Rated Output Voltage	190-250V single phase
Output Types	36 IEX (C13, C15, C19, C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	(6) 1 Pole Carling 16A J Series J51-BO-24-616-M1D-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1832 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in-lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

HCS P/N	Description
XBSPIM60-3632A3P-VBK	HCS SPIM, 36 IEX, 32A, Three Phase, Vertical Mounting, Black Chassis rPDU
XBSPIM60-3632A3P-VRD	HCS SPIM, 36 IEX, 32A, Three Phase, Vertical Mounting, Red Chassis rPDU
XBSPIM60-3632A3P-VBL	HCS SPIM, 36 IEX, 32A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XBSPIM60-3632A3P-VGR	HCS SPIM, 36 IEX, 32A, Three Phase, Vertical Mounting, Green Chassis rPDU
XBSPIM60-3632A3P-VGY	HCS SPIM, 36 IEX, 32A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XBSPIM60-3632A3P-VWH	HCS SPIM, 36 IEX, 32A, Three Phase, Vertical Mounting, White Chassis rPDU
XBSPIM60-3632A3P-VYL	HCS SPIM, 36 IEX, 32A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

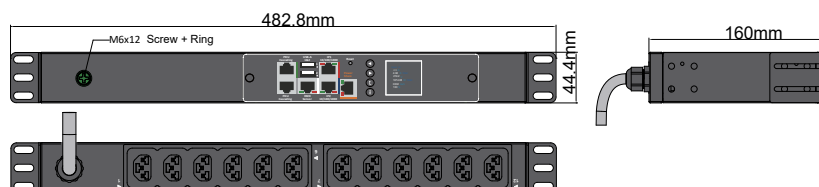


### Description

HCS SPIM Series, Smart Per Inlet Monitoring rPDU, 12 IEX, 16A, Single Phase, 19 Inch Horizontal Mounting

### Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



### GENERAL PROPERTIES

Technology	Per Inlet Monitoring
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No (optional)
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

### INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 16A 250V SINGLE PHASE
Lead Length	3 meter
Cable Type	H05VV-F3G1.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	190-250V Single phase
Frequency	50-60Hz
Power Capacity	3680W
Rated Output Voltage	190-250V single phase
Output Types	12 IEX (C13, C15, C19, C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

### PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	482.8 x 44.4 x 160 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	(2) Metal Bracket
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

### ORDERING INFORMATION

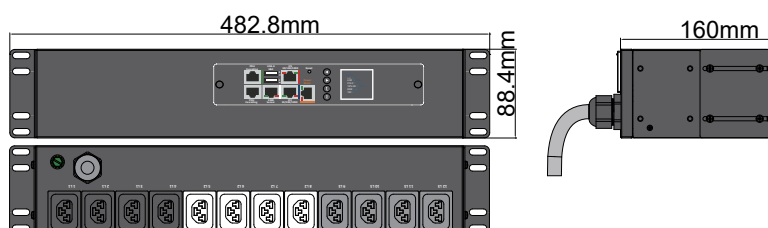
HCS P/N	Description
XNSPIM19-1216A1P-HBK	HCS SPIM, 12 IEX, 16A, Single Phase, Horizontal Mounting, Black Chassis rPDU
XNSPIM19-1216A1P-HRD	HCS SPIM, 12 IEX, 16A, Single Phase, Horizontal Mounting, Red Chassis rPDU
XNSPIM19-1216A1P-HBL	HCS SPIM, 12 IEX, 16A, Single Phase, Horizontal Mounting, Blue Chassis rPDU
XNSPIM19-1216A1P-HGR	HCS SPIM, 12 IEX, 16A, Single Phase, Horizontal Mounting, Green Chassis rPDU
XNSPIM19-1216A1P-HGY	HCS SPIM, 12 IEX, 16A, Single Phase, Horizontal Mounting, Gray Chassis rPDU
XNSPIM19-1216A1P-HWH	HCS SPIM, 12 IEX, 16A, Single Phase, Horizontal Mounting, White Chassis rPDU
XNSPIM19-1216A1P-HYL	HCS SPIM, 12 IEX, 16A, Single Phase, Horizontal Mounting, Yellow Chassis rPDU

### Description

**HCS SPIM Series, Smart Per Inlet Monitoring rPDU, 12 IEX, 16A, Three Phase, 19 Inch Horizontal Mounting**

### Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



### GENERAL PROPERTIES

Technology	Per Inlet Monitoring
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No (optional)
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

### INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 16A 380-415V Three Phase
Lead Length	3 meter
Cable Type	H07RN-F5G2.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	380-415V Three phase
Frequency	50-60Hz
Power Capacity	11kW
Rated Output Voltage	190-250V single phase
Output Types	12 IEX (C13, C15, C19, C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

### PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	482.8 x 88.4 x 160 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	(2) Metal Bracket
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in-lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

### ORDERING INFORMATION

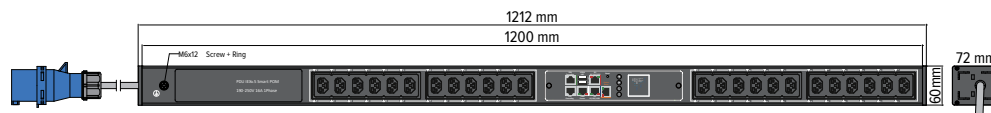
HCS P/N	Description
XNSPIM19-1216A3P-HBK	HCS SPIM, 12 IEX, 16A, Three Phase, Horizontal Mounting, Black Chassis rPDU
XNSPIM19-1216A3P-HRD	HCS SPIM, 12 IEX, 16A, Three Phase, Horizontal Mounting, Red Chassis rPDU
XNSPIM19-1216A3P-HBL	HCS SPIM, 12 IEX, 16A, Three Phase, Horizontal Mounting, Blue Chassis rPDU
XNSPIM19-1216A3P-HGR	HCS SPIM, 12 IEX, 16A, Three Phase, Horizontal Mounting, Green Chassis rPDU
XNSPIM19-1216A3P-HGY	HCS SPIM, 12 IEX, 16A, Three Phase, Horizontal Mounting, Gray Chassis rPDU
XNSPIM19-1216A3P-HWH	HCS SPIM, 12 IEX, 16A, Three Phase, Horizontal Mounting, White Chassis rPDU
XNSPIM19-1216A3P-HYL	HCS SPIM, 12 IEX, 16A, Three Phase, Horizontal Mounting, Yellow Chassis rPDU

### Description

HCS SPOM Series, Smart Per Outlet Metering rPDU, 24 IEX, 16A, Single Phase, Vertical Mounting

### Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



### GENERAL PROPERTIES

Technology	Per Outlet Metering
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	Yes
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

### INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 16A 250V single phase
Lead Length	3 meter
Cable Type	H05VV-F3G1.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	3680W
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13,C15,C19,C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

### PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1212 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

### ORDERING INFORMATION

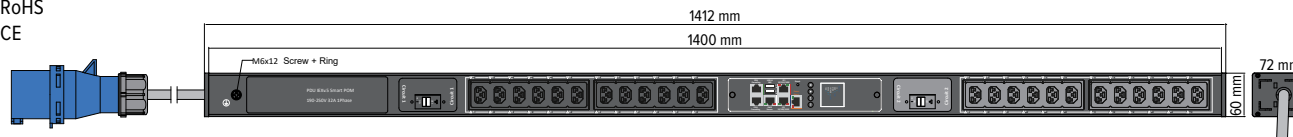
HCS P/N	Description
XNSPOM60-2416A1P-VBK	HCS SPOM, 24 IEX, 16A, Single Phase, Vertical Mounting, Black Chassis rPDU
XNSPOM60-2416A1P-VRD	HCS SPOM, 24 IEX, 16A, Single Phase, Vertical Mounting, Red Chassis rPDU
XNSPOM60-2416A1P-VBL	HCS SPOM, 24 IEX, 16A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XNSPOM60-2416A1P-VGR	HCS SPOM, 24 IEX, 16A, Single Phase, Vertical Mounting, Green Chassis rPDU
XNSPOM60-2416A1P-VGY	HCS SPOM, 24 IEX, 16A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XNSPOM60-2416A1P-VWH	HCS SPOM, 24 IEX, 16A, Single Phase, Vertical Mounting, White Chassis rPDU
XNSPOM60-2416A1P-VYL	HCS SPOM, 24 IEX, 16A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

### Description

*HCS SPOM Series, Smart Per Outlet Metering rPDU, 24 IEX, 32A, Single Phase, Vertical Mounting*

### Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



### GENERAL PROPERTIES

Technology	Per Outlet Metering
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	Yes
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

### INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 32A 250V single phase
Lead Length	3 meter
Cable Type	H07RN-F3G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	7360W
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13,C15,C19,C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	(2) 1 Pole Carling 16A J Series J51-BO-24-616-M1D-D3

### PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1412 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

### ORDERING INFORMATION

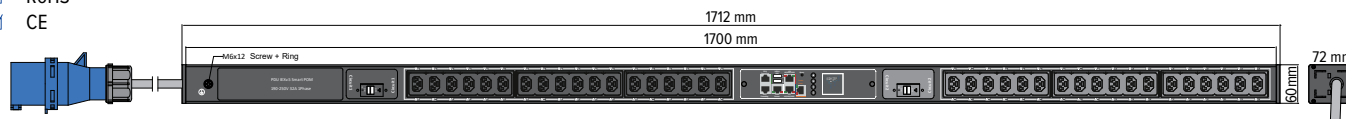
HCS P/N	Description
XBSPOM60-2432A1P-VBK	HCS SPOM, 24 IEX, 32A, Single Phase, Vertical Mounting, Black Chassis rPDU
XBSPOM60-2432A1P-VRD	HCS SPOM, 24 IEX, 32A, Single Phase, Vertical Mounting, Red Chassis rPDU
XBSPOM60-2432A1P-VBL	HCS SPOM, 24 IEX, 32A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XBSPOM60-2432A1P-VGR	HCS SPOM, 24 IEX, 32A, Single Phase, Vertical Mounting, Green Chassis rPDU
XBSPOM60-2432A1P-VGY	HCS SPOM, 24 IEX, 32A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XBSPOM60-2432A1P-VWH	HCS SPOM, 24 IEX, 32A, Single Phase, Vertical Mounting, White Chassis rPDU
XBSPOM60-2432A1P-VYL	HCS SPOM, 24 IEX, 32A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

*HCS SPOM Series, Smart Per Outlet Metering rPDU, 36 IEX, 32A, Single Phase, Vertical Mounting*

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Metering
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	Yes
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 32A 250V single phase
Lead Length	3 meter
Cable Type	H07RN-F3G4.0 mm²
Max. Input Load	32A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	7360W
Rated Output Voltage	190-250V single phase
Output Types	36 IEX (C13,C15,C19,C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	(2) 1 Pole Carling 16A J Series J51-BO-24-616-M1D-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1712 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

HCS P/N	Description
XBSPOM60-3632A1P-VBK	HCS SPOM, 36 IEX, 32A, Single Phase, Vertical Mounting, Black Chassis rPDU
XBSPOM60-3632A1P-VRD	HCS SPOM, 36 IEX, 32A, Single Phase, Vertical Mounting, Red Chassis rPDU
XBSPOM60-3632A1P-VBL	HCS SPOM, 36 IEX, 32A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XBSPOM60-3632A1P-VGR	HCS SPOM, 36 IEX, 32A, Single Phase, Vertical Mounting, Green Chassis rPDU
XBSPOM60-3632A1P-VGY	HCS SPOM, 36 IEX, 32A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XBSPOM60-3632A1P-VWH	HCS SPOM, 36 IEX, 32A, Single Phase, Vertical Mounting, White Chassis rPDU
XBSPOM60-3632A1P-VYL	HCS SPOM, 36 IEX, 32A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

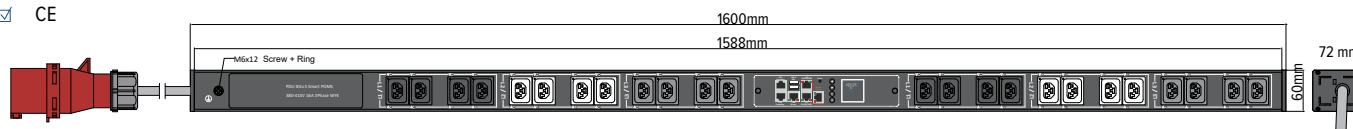


### Description

HCS SPOM Series, Smart Per Outlet Metering rPDU, 24 IEX, 16A, Three Phase, Vertical Mounting

### Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



### GENERAL PROPERTIES

Technology	Per Outlet Metering
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	Yes
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

### INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 16A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G2.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	11kW
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13,C15,C19,C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

### PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1600 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

### ORDERING INFORMATION

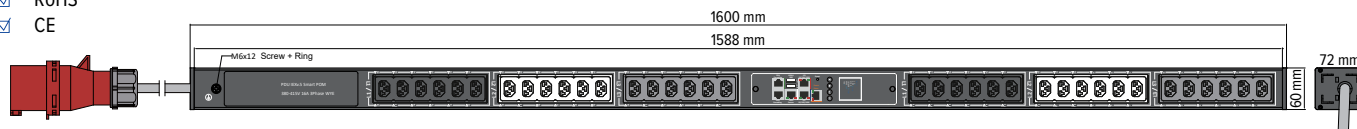
HCS P/N	Description
XNSPOM60-2416A3P-VBK	HCS SPOM, 24 IEX, 16A, Three Phase, Vertical Mounting, Black Chassis rPDU
XNSPOM60-2416A3P-VRD	HCS SPOM, 24 IEX, 16A, Three Phase, Vertical Mounting, Red Chassis rPDU
XNSPOM60-2416A3P-VBL	HCS SPOM, 24 IEX, 16A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XNSPOM60-2416A3P-VGR	HCS SPOM, 24 IEX, 16A, Three Phase, Vertical Mounting, Green Chassis rPDU
XNSPOM60-2416A3P-VGY	HCS SPOM, 24 IEX, 16A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XNSPOM60-2416A3P-VWH	HCS SPOM, 24 IEX, 16A, Three Phase, Vertical Mounting, White Chassis rPDU
XNSPOM60-2416A3P-VYL	HCS SPOM, 24 IEX, 16A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

*HCS SPOM Series, Smart Per Outlet Metering rPDU, 36 IEX, 16A, Three Phase, Vertical Mounting*

## Qualifications and Approvals

- ☒ IEC 62368-1 (3rd Edition)
- ☒ RoHS
- ☒ CE



## GENERAL PROPERTIES

Technology	Per Outlet Metering
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	Yes
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 16A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G2.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	11kW
Rated Output Voltage	190-250V single phase
Output Types	36 IEX (C13,C15,C19,C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1600 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

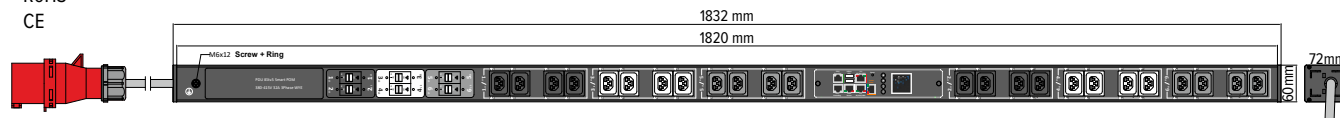
HCS P/N	Description
XNSPOM60-3616A3P-VBK	HCS SPOM, 36 IEX, 16A, Three Phase, Vertical Mounting, Black Chassis rPDU
XNSPOM60-3616A3P-VRD	HCS SPOM, 36 IEX, 16A, Three Phase, Vertical Mounting, Red Chassis rPDU
XNSPOM60-3616A3P-VBL	HCS SPOM, 36 IEX, 16A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XNSPOM60-3616A3P-VGR	HCS SPOM, 36 IEX, 16A, Three Phase, Vertical Mounting, Green Chassis rPDU
XNSPOM60-3616A3P-VGY	HCS SPOM, 36 IEX, 16A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XNSPOM60-3616A3P-VWH	HCS SPOM, 36 IEX, 16A, Three Phase, Vertical Mounting, White Chassis rPDU
XNSPOM60-3616A3P-VYL	HCS SPOM, 36 IEX, 16A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

HCS SPOM Series, Smart Per Outlet Metering rPDU, 24 IEX, 32A, Three Phase, Vertical Mounting

## Qualifications and Approvals

- ☒ IEC 62368-1 (3rd Edition)
- ☒ RoHS
- ☒ CE



## GENERAL PROPERTIES

Technology	Per Outlet Metering
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	Yes
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 32A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	22.1kW
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13,C15,C19,C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	(6) 1 Pole Carling 16A J Series J51-BO-24-616-M1D-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1832 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

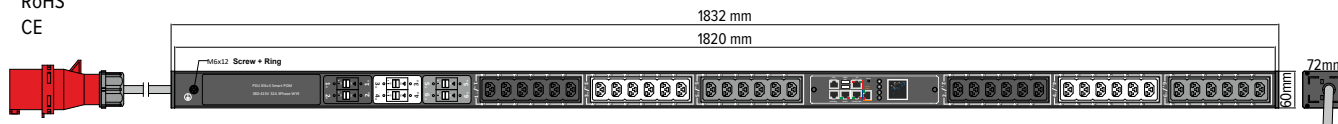
HCS P/N	Description
XBSPOM60-2432A3P-VBK	HCS SPOM, 24 IEX, 32A, Three Phase, Vertical Mounting, Black Chassis rPDU
XBSPOM60-2432A3P-VRD	HCS SPOM, 24 IEX, 32A, Three Phase, Vertical Mounting, Red Chassis rPDU
XBSPOM60-2432A3P-VBL	HCS SPOM, 24 IEX, 32A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XBSPOM60-2432A3P-VGR	HCS SPOM, 24 IEX, 32A, Three Phase, Vertical Mounting, Green Chassis rPDU
XBSPOM60-2432A3P-VGY	HCS SPOM, 24 IEX, 32A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XBSPOM60-2432A3P-VWH	HCS SPOM, 24 IEX, 32A, Three Phase, Vertical Mounting, White Chassis rPDU
XBSPOM60-2432A3P-VYL	HCS SPOM, 24 IEX, 32A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

HCS SPOM Series, Smart Per Outlet Metering rPDU, 36 IEX, 32A, Three Phase, Vertical Mounting

## Qualifications and Approvals

- ☒ IEC 62368-1 (3rd Edition)
- ☒ RoHS
- ☒ CE



## GENERAL PROPERTIES

Technology	Per Outlet Metering
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	Yes
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 32A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	22.1kW
Rated Output Voltage	190-250V single phase
Output Types	36 IEX (C13,C15,C19,C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	(6) 1 Pole Carling 16A J Series J51-BO-24-616-M1D-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1832 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

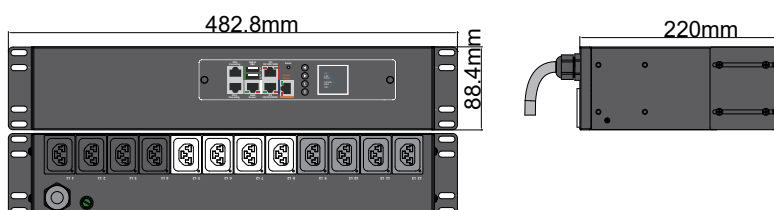
HCS P/N	Description
XBSPOM60-3632A3P-VBK	HCS SPOM, 36 IEX, 32A, Three Phase, Vertical Mounting, Black Chassis rPDU
XBSPOM60-3632A3P-VRD	HCS SPOM, 36 IEX, 32A, Three Phase, Vertical Mounting, Red Chassis rPDU
XBSPOM60-3632A3P-VBL	HCS SPOM, 36 IEX, 32A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XBSPOM60-3632A3P-VGR	HCS SPOM, 36 IEX, 32A, Three Phase, Vertical Mounting, Green Chassis rPDU
XBSPOM60-3632A3P-VGY	HCS SPOM, 36 IEX, 32A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XBSPOM60-3632A3P-VWH	HCS SPOM, 36 IEX, 32A, Three Phase, Vertical Mounting, White Chassis rPDU
XBSPOM60-3632A3P-VYL	HCS SPOM, 36 IEX, 32A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

### Description

HCS SPOM Series, Smart Per Outlet Metering rPDU, 12 IEX, 16A, Three Phase, 19 Inch Horizontal Mounting

### Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



### GENERAL PROPERTIES

Technology	Per Outlet Metering
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	Yes
Remote Outlet Switching	No
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

### INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 16A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G2.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	11kW
Rated Output Voltage	190-250V single phase
Output Types	12 IEX (C13,C15,C19,C21) combo (Max rate 16A) EN61984+UL498 certified
Overload Protection	No

### PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	482.8 x 88.4 x 220 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	(2) Metal bracket
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

### ORDERING INFORMATION

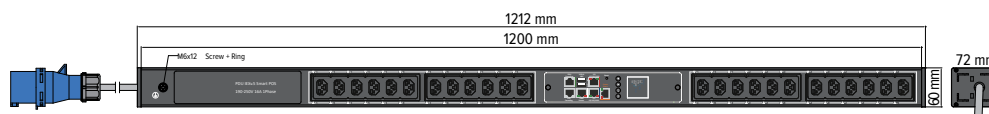
HCS P/N	Description
XNSPOM19-1216A3P-HBK	HCS SPOM, 12 IEX, 16A, Three Phase, Horizontal Mounting, Black Chassis rPDU
XNSPOM19-1216A3P-HRD	HCS SPOM, 12 IEX, 16A, Three Phase, Horizontal Mounting, Red Chassis rPDU
XNSPOM19-1216A3P-HBL	HCS SPOM, 12 IEX, 16A, Three Phase, Horizontal Mounting, Blue Chassis rPDU
XNSPOM19-1216A3P-HGR	HCS SPOM, 12 IEX, 16A, Three Phase, Horizontal Mounting, Green Chassis rPDU
XNSPOM19-1216A3P-HGY	HCS SPOM, 12 IEX, 16A, Three Phase, Horizontal Mounting, Gray Chassis rPDU
XNSPOM19-1216A3P-HWH	HCS SPOM, 12 IEX, 16A, Three Phase, Horizontal Mounting, White Chassis rPDU
XNSPOM19-1216A3P-HYL	HCS SPOM, 12 IEX, 16A, Three Phase, Horizontal Mounting, Yellow Chassis rPDU

## Description

*HCS SPOS Series, Smart Per Outlet Switching rPDU, 24 IEX, 16A, Single Phase, Vertical Mounting*

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	No
Metering per Output Receptacle	Yes Accuracy 1,5%
Remote Outlet Switching	Yes (Bistable Latching Relays)
Ethernet Port	2 Gigabit Ethernet ports to acces the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus , TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No (optional)
Rack Acces Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 16A 250V single phase
Lead Length	3 meter
Cable Type	H05VV-F3G1.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	3680W
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1212 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

HCS P/N	Description
XNSPOS60-2416A1P-VBK	HCS SPOS, 24 IEX, 16A, Single Phase, Vertical Mounting, Black Chassis rPDU
XNSPOS60-2416A1P-VRD	HCS SPOS, 24 IEX, 16A, Single Phase, Vertical Mounting, Red Chassis rPDU
XNSPOS60-2416A1P-VBL	HCS SPOS, 24 IEX, 16A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XNSPOS60-2416A1P-VGR	HCS SPOS, 24 IEX, 16A, Single Phase, Vertical Mounting, Green Chassis rPDU
XNSPOS60-2416A1P-VGY	HCS SPOS, 24 IEX, 16A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XNSPOS60-2416A1P-VWH	HCS SPOS, 24 IEX, 16A, Single Phase, Vertical Mounting, White Chassis rPDU
XNSPOS60-2416A1P-VYL	HCS SPOS, 24 IEX, 16A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

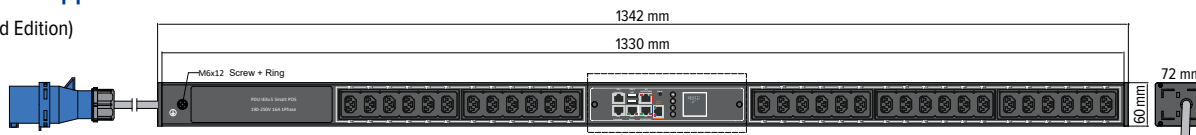


## Description

*HCS SPOS Series, Smart Per Outlet Switching rPDU, 30 IEX, 16A, Single Phase, Vertical Mounting*

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNMP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 16A 250V single phase
Lead Length	3 meter
Cable Type	H05VV-F3G1.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	3680W
Rated Output Voltage	190-250V single phase
Output Types	30 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1342 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

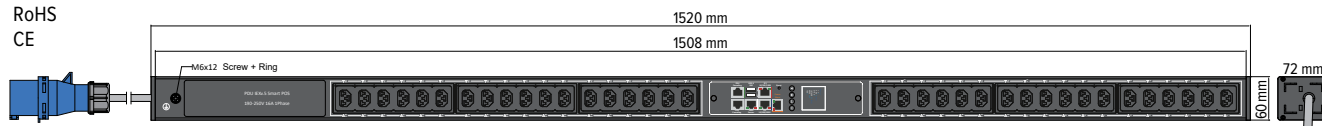
HCS P/N	Description
XNSPOS60-3016A1P-VBK	HCS SPOS, 30 IEX, 16A, Single Phase, Vertical Mounting, Black Chassis rPDU
XNSPOS60-3016A1P-VRD	HCS SPOS, 30 IEX, 16A, Single Phase, Vertical Mounting, Red Chassis rPDU
XNSPOS60-3016A1P-VBL	HCS SPOS, 30 IEX, 16A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XNSPOS60-3016A1P-VGR	HCS SPOS, 30 IEX, 16A, Single Phase, Vertical Mounting, Green Chassis rPDU
XNSPOS60-3016A1P-VGY	HCS SPOS, 30 IEX, 16A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XNSPOS60-3016A1P-VWH	HCS SPOS, 30 IEX, 16A, Single Phase, Vertical Mounting, White Chassis rPDU
XNSPOS60-3016A1P-VYL	HCS SPOS, 30 IEX, 16A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

*HCS SPOS Series, Smart Per Outlet Switching rPDU, 36 IEX, 16A, Single Phase, Vertical Mounting*

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNMP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 16A 250V single phase
Lead Length	3 meter
Cable Type	H05VV-F3G1.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	3680W
Rated Output Voltage	190-250V single phase
Output Types	36 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1520 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

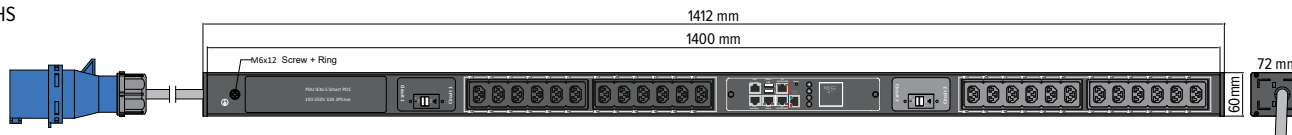
HCS P/N	Description
XNSPOS60-3616A1P-VBK	HCS SPOS, 36 IEX, 16A, Single Phase, Vertical Mounting, Black Chassis rPDU
XNSPOS60-3616A1P-VRD	HCS SPOS, 36 IEX, 16A, Single Phase, Vertical Mounting, Red Chassis rPDU
XNSPOS60-3616A1P-VBL	HCS SPOS, 36 IEX, 16A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XNSPOS60-3616A1P-VGR	HCS SPOS, 36 IEX, 16A, Single Phase, Vertical Mounting, Green Chassis rPDU
XNSPOS60-3616A1P-VGY	HCS SPOS, 36 IEX, 16A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XNSPOS60-3616A1P-VWH	HCS SPOS, 36 IEX, 16A, Single Phase, Vertical Mounting, White Chassis rPDU
XNSPOS60-3616A1P-VYL	HCS SPOS, 36 IEX, 16A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

*HCS SPOS Series, Smart Per Outlet Switching rPDU, 24 IEX, 32A, Single Phase, Vertical Mounting*

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 32A 250V single phase
Lead Length	3 meter
Cable Type	H07RN-F3G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	7360W
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	(2) 1 Pole Carling 16A J Series J51-BO-24-616-M1D-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1412 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

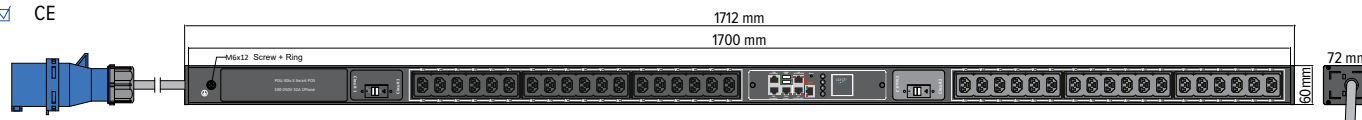
HCS P/N	Description
XBSP060-2432A1P-VBK	HCS SPOS, 24 IEX, 32A, Single Phase, Vertical Mounting, Black Chassis rPDU
XBSP060-2432A1P-VRD	HCS SPOS, 24 IEX, 32A, Single Phase, Vertical Mounting, Red Chassis rPDU
XBSP060-2432A1P-VBL	HCS SPOS, 24 IEX, 32A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XBSP060-2432A1P-VGR	HCS SPOS, 24 IEX, 32A, Single Phase, Vertical Mounting, Green Chassis rPDU
XBSP060-2432A1P-VGY	HCS SPOS, 24 IEX, 32A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XBSP060-2432A1P-VWH	HCS SPOS, 24 IEX, 32A, Single Phase, Vertical Mounting, White Chassis rPDU
XBSP060-2432A1P-VYL	HCS SPOS, 24 IEX, 32A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

### Description

HCS SPOS Series, Smart Per Outlet Switching rPDU, 36 IEX, 32A, Single Phase, Vertical Mounting

### Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



### GENERAL PROPERTIES

Technology	Per Outlet Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

### INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 32A 250V single phase
Lead Length	3 meter
Cable Type	H07RN-F3G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	7360W
Rated Output Voltage	190-250V single phase
Output Types	36 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	(2) 1 Pole Carling 16A J Series J51-BO-24-616-M1D-D3

### PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1712 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

### ORDERING INFORMATION

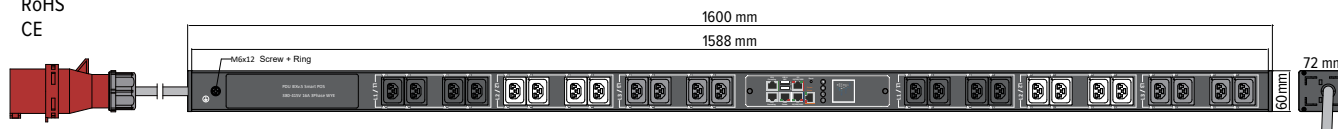
HCS P/N	Description
XBSP060-3632A1P-VBK	HCS SPOS, 36 IEX, 32A, Single Phase, Vertical Mounting, Black Chassis rPDU
XBSP060-3632A1P-VRD	HCS SPOS, 36 IEX, 32A, Single Phase, Vertical Mounting, Red Chassis rPDU
XBSP060-3632A1P-VBL	HCS SPOS, 36 IEX, 32A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XBSP060-3632A1P-VGR	HCS SPOS, 36 IEX, 32A, Single Phase, Vertical Mounting, Green Chassis rPDU
XBSP060-3632A1P-VGY	HCS SPOS, 36 IEX, 32A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XBSP060-3632A1P-VWH	HCS SPOS, 36 IEX, 32A, Single Phase, Vertical Mounting, White Chassis rPDU
XBSP060-3632A1P-VYL	HCS SPOS, 36 IEX, 32A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

### Description

*HCS SPOS Series, Smart Per Outlet Switching rPDU, 24 IEX, 16A, Three Phase, Vertical Mounting*

### Qualifications and Approvals

- ☒ IEC 62368-1 (3rd Edition)
- ☒ RoHS
- ☒ CE



### GENERAL PROPERTIES

Technology	Per Outlet Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

### INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 16A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G2.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	11kW
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

### PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1600 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

### ORDERING INFORMATION

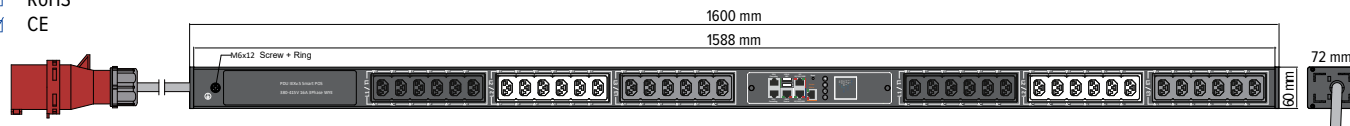
HCS P/N	Description
XNSPOS60-2416A3P-VBK	HCS SPOS, 24 IEX, 16A, Three Phase, Vertical Mounting, Black Chassis rPDU
XNSPOS60-2416A3P-VRD	HCS SPOS, 24 IEX, 16A, Three Phase, Vertical Mounting, Red Chassis rPDU
XNSPOS60-2416A3P-VBL	HCS SPOS, 24 IEX, 16A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XNSPOS60-2416A3P-VGR	HCS SPOS, 24 IEX, 16A, Three Phase, Vertical Mounting, Green Chassis rPDU
XNSPOS60-2416A3P-VGY	HCS SPOS, 24 IEX, 16A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XNSPOS60-2416A3P-VWH	HCS SPOS, 24 IEX, 16A, Three Phase, Vertical Mounting, White Chassis rPDU
XNSPOS60-2416A3P-VYL	HCS SPOS, 24 IEX, 16A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

### Description

HCS SPOS Series, Smart Per Outlet Switching rPDU, 36 IEX, 16A, Three Phase, Vertical Mounting

### Qualifications and Approvals

- ☒ IEC 62368-1 (3rd Edition)
- ☒ RoHS
- ☒ CE



### GENERAL PROPERTIES

Technology	Per Outlet Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

### INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 16A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G2.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	11kW
Rated Output Voltage	190-250V single phase
Output Types	36 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

### PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1600 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

### ORDERING INFORMATION

HCS P/N	Description
XNSPOS60-3616A3P-VBK	HCS SPOS, 36 IEX, 16A, Three Phase, Vertical Mounting, Black Chassis rPDU
XNSPOS60-3616A3P-VRD	HCS SPOS, 36 IEX, 16A, Three Phase, Vertical Mounting, Red Chassis rPDU
XNSPOS60-3616A3P-VBL	HCS SPOS, 36 IEX, 16A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XNSPOS60-3616A3P-VGR	HCS SPOS, 36 IEX, 16A, Three Phase, Vertical Mounting, Green Chassis rPDU
XNSPOS60-3616A3P-VGY	HCS SPOS, 36 IEX, 16A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XNSPOS60-3616A3P-VWH	HCS SPOS, 36 IEX, 16A, Three Phase, Vertical Mounting, White Chassis rPDU
XNSPOS60-3616A3P-VYL	HCS SPOS, 36 IEX, 16A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

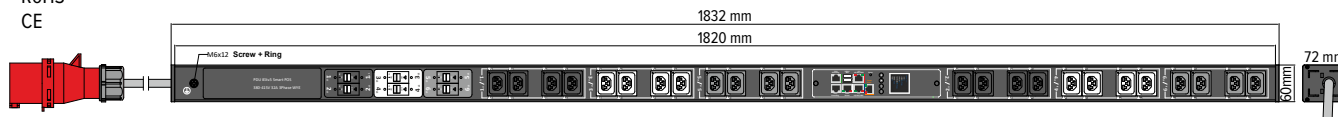


### Description

HCS SPOS Series, Smart Per Outlet Switching rPDU, 24 IEX, 32A, Three Phase, Vertical Mounting

### Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



### GENERAL PROPERTIES

Technology	Per Outlet Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

### INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 32A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	22.1kW
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	(6) 1 Pole Carling 16A J Series J51-B0-24-616-M1D-D3

### PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1832 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

### ORDERING INFORMATION

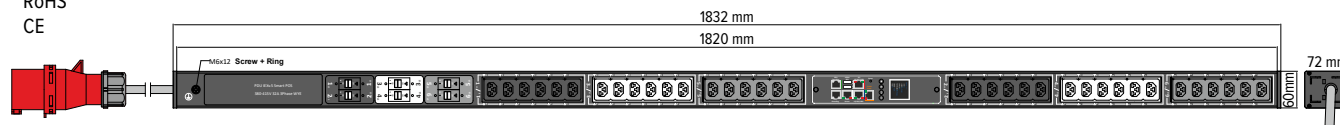
HCS P/N	Description
XBSP060-2432A3P-VBK	HCS SPOS, 24 IEX, 32A, Three Phase, Vertical Mounting, Black Chassis rPDU
XBSP060-2432A3P-VRD	HCS SPOS, 24 IEX, 32A, Three Phase, Vertical Mounting, Red Chassis rPDU
XBSP060-2432A3P-VBL	HCS SPOS, 24 IEX, 32A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XBSP060-2432A3P-VGR	HCS SPOS, 24 IEX, 32A, Three Phase, Vertical Mounting, Green Chassis rPDU
XBSP060-2432A3P-VGY	HCS SPOS, 24 IEX, 32A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XBSP060-2432A3P-VWH	HCS SPOS, 24 IEX, 32A, Three Phase, Vertical Mounting, White Chassis rPDU
XBSP060-2432A3P-VYL	HCS SPOS, 24 IEX, 32A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

*HCS SPOS Series, Smart Per Outlet Switching rPDU, 36 IEX, 32A, Three Phase, Vertical Mounting*

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 32A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	22.1kW
Rated Output Voltage	190-250V single phase
Output Types	36 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	(6) 1 Pole Carling 16A J Series J51-B0-24-616-M1D-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1832 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

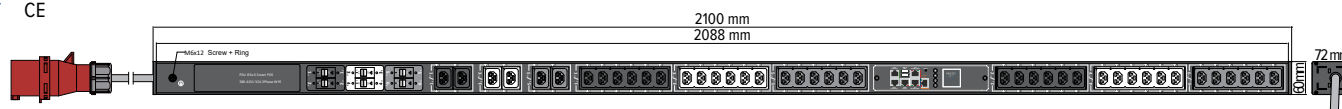
HCS P/N	Description
XBSP060-3632A3P-VBK	HCS SPOS, 36 IEX, 32A, Three Phase, Vertical Mounting, Black Chassis rPDU
XBSP060-3632A3P-VRD	HCS SPOS, 36 IEX, 32A, Three Phase, Vertical Mounting, Red Chassis rPDU
XBSP060-3632A3P-VBL	HCS SPOS, 36 IEX, 32A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XBSP060-3632A3P-VGR	HCS SPOS, 36 IEX, 32A, Three Phase, Vertical Mounting, Green Chassis rPDU
XBSP060-3632A3P-VGY	HCS SPOS, 36 IEX, 32A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XBSP060-3632A3P-VWH	HCS SPOS, 36 IEX, 32A, Three Phase, Vertical Mounting, White Chassis rPDU
XBSP060-3632A3P-VYL	HCS SPOS, 36 IEX, 32A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

*HCS SPOS Series, Smart Per Outlet Switching rPDU, 42 IEX, 32A, Three Phase, Vertical Mounting*

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 32A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	22.1kW
Rated Output Voltage	190-250V single phase
Output Types	42 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	(6) 1 Pole Carling 16A J Series J51-BO-24-616-M1D-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	2100 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

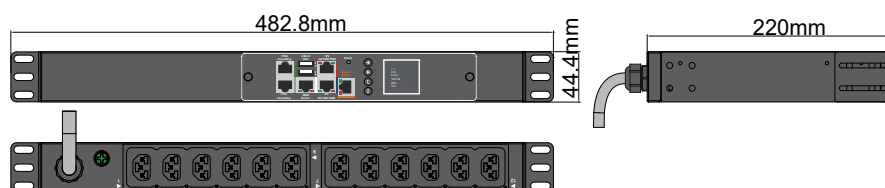
HCS P/N	Description
XBSP060-4232A3P-VBK	HCS SPOS, 42 IEX, 32A, Three Phase, Vertical Mounting, Black Chassis rPDU
XBSP060-4232A3P-VRD	HCS SPOS, 42 IEX, 32A, Three Phase, Vertical Mounting, Red Chassis rPDU
XBSP060-4232A3P-VBL	HCS SPOS, 42 IEX, 32A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XBSP060-4232A3P-VGR	HCS SPOS, 42 IEX, 32A, Three Phase, Vertical Mounting, Green Chassis rPDU
XBSP060-4232A3P-VGY	HCS SPOS, 42 IEX, 32A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XBSP060-4232A3P-VWH	HCS SPOS, 42 IEX, 32A, Three Phase, Vertical Mounting, White Chassis rPDU
XBSP060-4232A3P-VYL	HCS SPOS, 42 IEX, 32A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

*HCS SPOS Series, Smart Per Outlet Switching rPDU, 12 IEX, 16A, Single Phase, 19 Inch Horizontal Mounting*

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	No
Metering per Output Receptacle	Yes Accuracy 1,5%
Remote Outlet Switching	Yes (Bistable Latching Relays)
Ethernet Port	2 Gigabit Ethernet ports to acces the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus , TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No (optional)
Rack Acces Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 16A 250V SINGLE PHASE
Lead Length	3 meter
Cable Type	H05VV-F3G1.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	190-250V Single phase
Frequency	50-60Hz
Power Capacity	3680W
Rated Output Voltage	190-250V single phase
Output Types	12 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	482.8 x 44.4 x 220 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	(2) Metal Bracket
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in-lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

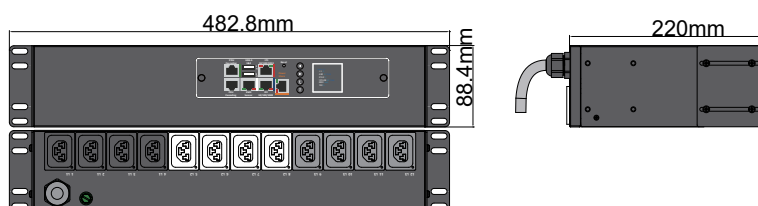
HCS P/N	Description
XNSPOS19-1216A1P-HBK	HCS SPOS, 12 IEX, 16A, Single Phase, Horizontal Mounting, Black Chassis rPDU
XNSPOS19-1216A1P-HRD	HCS SPOS, 12 IEX, 16A, Single Phase, Horizontal Mounting, Red Chassis rPDU
XNSPOS19-1216A1P-HBL	HCS SPOS, 12 IEX, 16A, Single Phase, Horizontal Mounting, Blue Chassis rPDU
XNSPOS19-1216A1P-HGR	HCS SPOS, 12 IEX, 16A, Single Phase, Horizontal Mounting, Green Chassis rPDU
XNSPOS19-1216A1P-HGY	HCS SPOS, 12 IEX, 16A, Single Phase, Horizontal Mounting, Gray Chassis rPDU
XNSPOS19-1216A1P-HWH	HCS SPOS, 12 IEX, 16A, Single Phase, Horizontal Mounting, White Chassis rPDU
XNSPOS19-1216A1P-HYL	HCS SPOS, 12 IEX, 16A, Single Phase, Horizontal Mounting, Yellow Chassis rPDU

## Description

*HCS SPOS Series, Smart Per Outlet Switching rPDU, 12 IEX, 16A, Three Phase, 19 Inch Horizontal Mounting*

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No (optional)
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 16A 380-415V Three Phase
Lead Length	3 meter
Cable Type	H07RN-F5G2.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	11kW
Rated Output Voltage	190-250V single phase
Output Types	12 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	482.8 x 88.4 x 220 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	(2) Metal Bracket
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

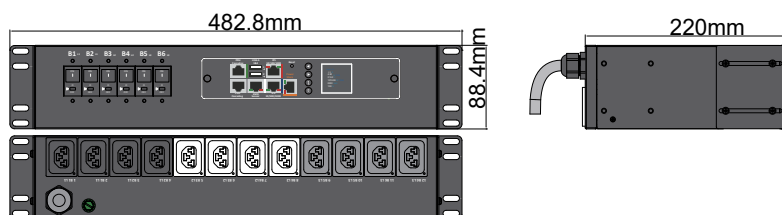
HCS P/N	Description
XNSPOS19-1216A3P-HBK	HCS SPOS, 12 IEX, 16A, Three Phase, Horizontal Mounting, Black Chassis rPDU
XNSPOS19-1216A3P-HRD	HCS SPOS, 12 IEX, 16A, Three Phase, Horizontal Mounting, Red Chassis rPDU
XNSPOS19-1216A3P-HBL	HCS SPOS, 12 IEX, 16A, Three Phase, Horizontal Mounting, Blue Chassis rPDU
XNSPOS19-1216A3P-HGR	HCS SPOS, 12 IEX, 16A, Three Phase, Horizontal Mounting, Green Chassis rPDU
XNSPOS19-1216A3P-HGY	HCS SPOS, 12 IEX, 16A, Three Phase, Horizontal Mounting, Gray Chassis rPDU
XNSPOS19-1216A3P-HWH	HCS SPOS, 12 IEX, 16A, Three Phase, Horizontal Mounting, White Chassis rPDU
XNSPOS19-1216A3P-HYL	HCS SPOS, 12 IEX, 16A, Three Phase, Horizontal Mounting, Yellow Chassis rPDU

## Description

*HCS SPOS Series, Smart Per Outlet Switching rPDU, 12 IEX, 32A, Three Phase, 19 Inch Horizontal Mounting*

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No (optional)
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 32A 380-415V Three Phase
Lead Length	3 meter
Cable Type	H07RN-F5G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	22.1kW
Rated Output Voltage	190-250V single phase
Output Types	12 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	(6) 1 Pole Carling 16A J Series J51-BO-24-616-M1D-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	482.8 x 88.4 x 220 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	(2) Metal Bracket
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

HCS P/N	Description
XBSP0S19-1232A3P-HBK	HCS SPOS, 12 IEX, 32A, Three Phase, Horizontal Mounting, Black Chassis rPDU
XBSP0S19-1232A3P-HRD	HCS SPOS, 12 IEX, 32A, Three Phase, Horizontal Mounting, Red Chassis rPDU
XBSP0S19-1232A3P-HBL	HCS SPOS, 12 IEX, 32A, Three Phase, Horizontal Mounting, Blue Chassis rPDU
XBSP0S19-1232A3P-HGR	HCS SPOS, 12 IEX, 32A, Three Phase, Horizontal Mounting, Green Chassis rPDU
XBSP0S19-1232A3P-HGY	HCS SPOS, 12 IEX, 32A, Three Phase, Horizontal Mounting, Gray Chassis rPDU
XBSP0S19-1232A3P-HWH	HCS SPOS, 12 IEX, 32A, Three Phase, Horizontal Mounting, White Chassis rPDU
XBSP0S19-1232A3P-HYL	HCS SPOS, 12 IEX, 32A, Three Phase, Horizontal Mounting, Yellow Chassis rPDU

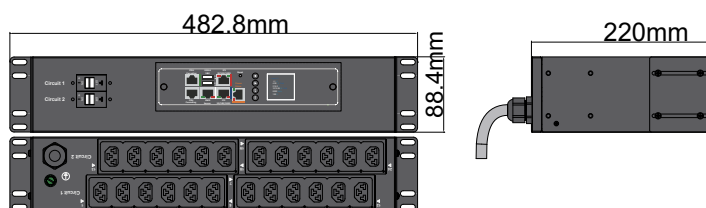


## Description

*HCS SPOS Series, Smart Per Outlet Switching rPDU, 24 IEX, 32A, Single Phase, 19 Inch Horizontal Mounting*

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNMP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No (optional)
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 32A 250V SINGLE PHASE
Lead Length	3 meter
Cable Type	H07RN-F3G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	190-250V Single phase
Frequency	50-60Hz
Power Capacity	7360W
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	(2) 1 Pole Carling 16A L Series L31-B0-24-616-H12-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	482.8 x 88.4 x 220 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	(2) Metal Bracket
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

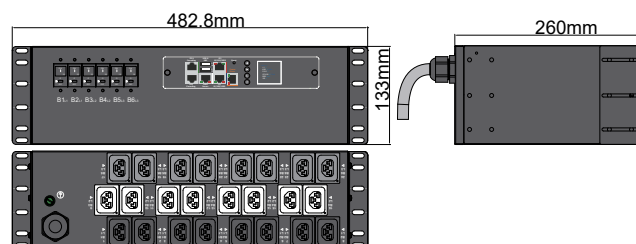
HCS P/N	Description
XBSP0S19-2432A1P-HBK	HCS SPOS, 24 IEX, 32A, Single Phase, Horizontal Mounting, Black Chassis rPDU
XBSP0S19-2432A1P-HRD	HCS SPOS, 24 IEX, 32A, Single Phase, Horizontal Mounting, Red Chassis rPDU
XBSP0S19-2432A1P-HBL	HCS SPOS, 24 IEX, 32A, Single Phase, Horizontal Mounting, Blue Chassis rPDU
XBSP0S19-2432A1P-HGR	HCS SPOS, 24 IEX, 32A, Single Phase, Horizontal Mounting, Green Chassis rPDU
XBSP0S19-2432A1P-HGY	HCS SPOS, 24 IEX, 32A, Single Phase, Horizontal Mounting, Gray Chassis rPDU
XBSP0S19-2432A1P-HWH	HCS SPOS, 24 IEX, 32A, Single Phase, Horizontal Mounting, White Chassis rPDU
XBSP0S19-2432A1P-HYL	HCS SPOS, 24 IEX, 32A, Single Phase, Horizontal Mounting, Yellow Chassis rPDU

## Description

*HCS SPOS Series, Smart Per Outlet Switching rPDU, 24 IEX, 32A, Three Phase, 19 Inch Horizontal Mounting*

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	No
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNMP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No (optional)
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 32A 380-415V Three Phase
Lead Length	3 meter
Cable Type	H07RN-F5G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	22.1kW
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	(6) 1 Pole Carling 16A J Series J51-BO-24-616-M1D-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	482.8 x 133 x 260 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	(2) Metal Bracket
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

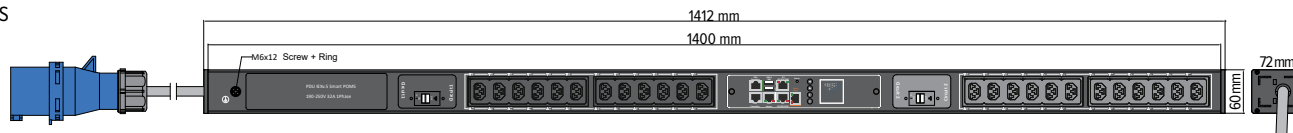
HCS P/N	Description
XBSP0S19-2432A3P-HBK	HCS SPOS, 24 IEX, 32A, Three Phase, Horizontal Mounting, Black Chassis rPDU
XBSP0S19-2432A3P-HRD	HCS SPOS, 24 IEX, 32A, Three Phase, Horizontal Mounting, Red Chassis rPDU
XBSP0S19-2432A3P-HBL	HCS SPOS, 24 IEX, 32A, Three Phase, Horizontal Mounting, Blue Chassis rPDU
XBSP0S19-2432A3P-HGR	HCS SPOS, 24 IEX, 32A, Three Phase, Horizontal Mounting, Green Chassis rPDU
XBSP0S19-2432A3P-HGY	HCS SPOS, 24 IEX, 32A, Three Phase, Horizontal Mounting, Gray Chassis rPDU
XBSP0S19-2432A3P-HWH	HCS SPOS, 24 IEX, 32A, Three Phase, Horizontal Mounting, White Chassis rPDU
XBSP0S19-2432A3P-HYL	HCS SPOS, 24 IEX, 32A, Three Phase, Horizontal Mounting, Yellow Chassis rPDU

## Description

HCS SPOX Series, Smart Per Outlet Metering & Switching rPDU, 24 IEX, 32A, Single Phase, Vertical Mounting

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Metering & Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	Yes
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 32A 250V single phase
Lead Length	3 meter
Cable Type	H07RN-F3G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	7360W
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	(2) 1 Pole Carling 16A J Series J51-BO-24-616-M1D-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1412 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

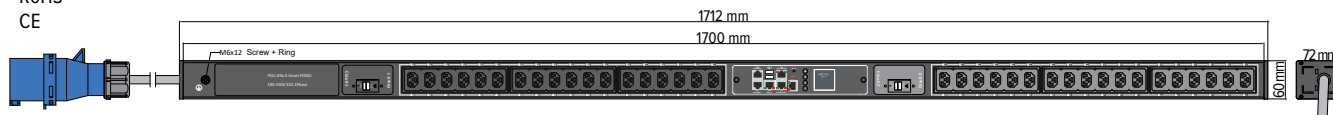
HCS P/N	Description
XBSP0X60-2432A1P-VBK	HCS SPOX, 24 IEX, 32A, Single Phase, Vertical Mounting, Black Chassis rPDU
XBSP0X60-2432A1P-VRD	HCS SPOX, 24 IEX, 32A, Single Phase, Vertical Mounting, Red Chassis rPDU
XBSP0X60-2432A1P-VBL	HCS SPOX, 24 IEX, 32A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XBSP0X60-2432A1P-VGR	HCS SPOX, 24 IEX, 32A, Single Phase, Vertical Mounting, Green Chassis rPDU
XBSP0X60-2432A1P-VGY	HCS SPOX, 24 IEX, 32A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XBSP0X60-2432A1P-VWH	HCS SPOX, 24 IEX, 32A, Single Phase, Vertical Mounting, White Chassis rPDU
XBSP0X60-2432A1P-VYL	HCS SPOX, 24 IEX, 32A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

HCS SPOX Series, Smart Per Outlet Metering & Switching rPDU, 36 IEX, 32A, Single Phase, Vertical Mounting

## Qualifications and Approvals

- ☒ IEC 62368-1 (3rd Edition)
- ☒ RoHS
- ☒ CE



## GENERAL PROPERTIES

Technology	Per Outlet Metering & Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	Yes
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 32A 250V single phase
Lead Length	3 meter
Cable Type	H07RN-F3G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	190-250V single phase
Frequency	50-60Hz
Power Capacity	7360W
Rated Output Voltage	190-250V single phase
Output Types	36 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	(2) 1 Pole Carling 16A J Series J51-BO-24-616-M1D-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1712 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

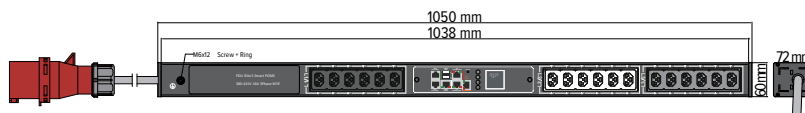
HCS P/N	Description
XBSP0X60-3632A1P-VBK	HCS SPOX, 36 IEX, 32A, Single Phase, Vertical Mounting, Black Chassis rPDU
XBSP0X60-3632A1P-VRD	HCS SPOX, 36 IEX, 32A, Single Phase, Vertical Mounting, Red Chassis rPDU
XBSP0X60-3632A1P-VBL	HCS SPOX, 36 IEX, 32A, Single Phase, Vertical Mounting, Blue Chassis rPDU
XBSP0X60-3632A1P-VGR	HCS SPOX, 36 IEX, 32A, Single Phase, Vertical Mounting, Green Chassis rPDU
XBSP0X60-3632A1P-VGY	HCS SPOX, 36 IEX, 32A, Single Phase, Vertical Mounting, Gray Chassis rPDU
XBSP0X60-3632A1P-VWH	HCS SPOX, 36 IEX, 32A, Single Phase, Vertical Mounting, White Chassis rPDU
XBSP0X60-3632A1P-VYL	HCS SPOX, 36 IEX, 32A, Single Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

HCS SPOX Series, Smart Per Outlet Metering & Switching rPDU, 18 IEX, 16A, Three Phase, Vertical Mounting

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Metering & Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	Yes
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 16A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G2.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	11kW
Rated Output Voltage	190-250V single phase
Output Types	18 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1050 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

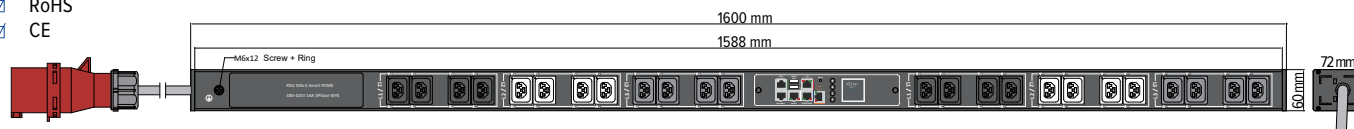
HCS P/N	Description
XNSPOX60-1816A3P-VBK	HCS SPOX, 18 IEX, 16A, Three Phase, Vertical Mounting, Black Chassis rPDU
XNSPOX60-1816A3P-VRD	HCS SPOX, 18 IEX, 16A, Three Phase, Vertical Mounting, Red Chassis rPDU
XNSPOX60-1816A3P-VBL	HCS SPOX, 18 IEX, 16A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XNSPOX60-1816A3P-VGR	HCS SPOX, 18 IEX, 16A, Three Phase, Vertical Mounting, Green Chassis rPDU
XNSPOX60-1816A3P-VGY	HCS SPOX, 18 IEX, 16A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XNSPOX60-1816A3P-VWH	HCS SPOX, 18 IEX, 16A, Three Phase, Vertical Mounting, White Chassis rPDU
XNSPOX60-1816A3P-VYL	HCS SPOX, 18 IEX, 16A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

HCS SPOX Series, Smart Per Outlet Metering & Switching rPDU, 24 IEX, 16A, Three Phase, Vertical Mounting

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Metering & Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	Yes
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 16A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G2.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	11kW
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1600 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

HCS P/N	Description
XNSPOX60-2416A3P-VBK	HCS SPOX, 24 IEX, 16A, Three Phase, Vertical Mounting, Black Chassis rPDU
XNSPOX60-2416A3P-VRD	HCS SPOX, 24 IEX, 16A, Three Phase, Vertical Mounting, Red Chassis rPDU
XNSPOX60-2416A3P-VBL	HCS SPOX, 24 IEX, 16A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XNSPOX60-2416A3P-VGR	HCS SPOX, 24 IEX, 16A, Three Phase, Vertical Mounting, Green Chassis rPDU
XNSPOX60-2416A3P-VGY	HCS SPOX, 24 IEX, 16A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XNSPOX60-2416A3P-VWH	HCS SPOX, 24 IEX, 16A, Three Phase, Vertical Mounting, White Chassis rPDU
XNSPOX60-2416A3P-VYL	HCS SPOX, 24 IEX, 16A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

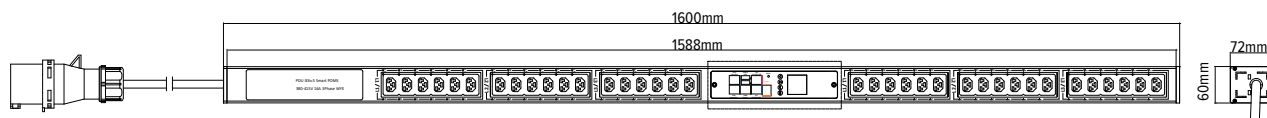


## Description

HCS SPOX Series, Smart Per Outlet Metering & Switching rPDU, 36 IEX, 16A, Three Phase, Vertical Mounting

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Metering & Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	Yes Accuracy 1,5%
Remote Outlet Switching	Yes (bistable latching relays)
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No (optional)
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 16A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G2.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	11kW
Rated Output Voltage	190-250V single phase
Output Types	36 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1600 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in-lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

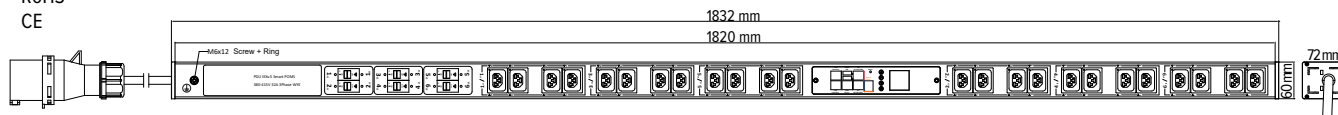
HCS P/N	Description
XNSPOX60-3616A3P-VBK	HCS SPOX, 36 IEX, 16A, Three Phase, Vertical Mounting, Black Chassis rPDU
XNSPOX60-3616A3P-VRD	HCS SPOX, 36 IEX, 16A, Three Phase, Vertical Mounting, Red Chassis rPDU
XNSPOX60-3616A3P-VBL	HCS SPOX, 36 IEX, 16A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XNSPOX60-3616A3P-VGR	HCS SPOX, 36 IEX, 16A, Three Phase, Vertical Mounting, Green Chassis rPDU
XNSPOX60-3616A3P-VGY	HCS SPOX, 36 IEX, 16A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XNSPOX60-3616A3P-VWH	HCS SPOX, 36 IEX, 16A, Three Phase, Vertical Mounting, White Chassis rPDU
XNSPOX60-3616A3P-VYL	HCS SPOX, 36 IEX, 16A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

HCS SPOX Series, Smart Per Outlet Metering & Switching rPDU, 24 IEX, 32A, Three Phase, Vertical Mounting

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Metering & Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	Yes
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 32A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	22.1kW
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	(6) 1 Pole Carling 16A J Series J51-BO-24-616-M1D-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1832 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in-lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

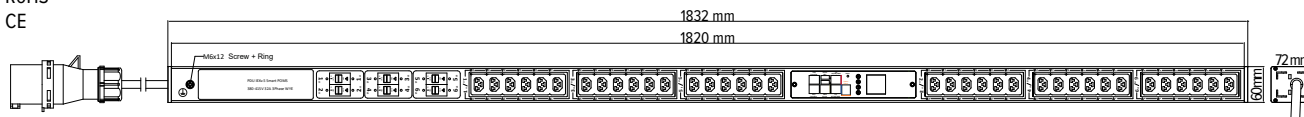
HCS P/N	Description
XBSP0X60-2432A3P-VBK	HCS SPOX, 24 IEX, 32A, Three Phase, Vertical Mounting, Black Chassis rPDU
XBSP0X60-2432A3P-VRD	HCS SPOX, 24 IEX, 32A, Three Phase, Vertical Mounting, Red Chassis rPDU
XBSP0X60-2432A3P-VBL	HCS SPOX, 24 IEX, 32A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XBSP0X60-2432A3P-VGR	HCS SPOX, 24 IEX, 32A, Three Phase, Vertical Mounting, Green Chassis rPDU
XBSP0X60-2432A3P-VGY	HCS SPOX, 24 IEX, 32A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XBSP0X60-2432A3P-VWH	HCS SPOX, 24 IEX, 32A, Three Phase, Vertical Mounting, White Chassis rPDU
XBSP0X60-2432A3P-VYL	HCS SPOX, 24 IEX, 32A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

*HCS SPOX Series, Smart Per Outlet Metering & Switching rPDU, 36 IEX, 32A, Three Phase, Vertical Mounting*

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Metering & Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	Yes
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 32A 380-415V three phase
Lead Length	3 meter
Cable Type	H07RN-F5G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	22.1kW
Rated Output Voltage	190-250V single phase
Output Types	36 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	(6) 1 Pole Carling 16A J Series J51-BO-24-616-M1D-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	1832 x 60 x 72 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	4 mounting options
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

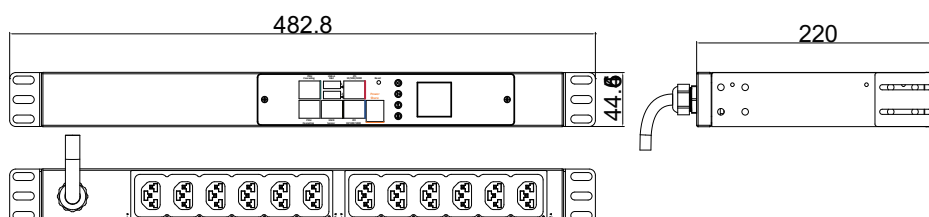
HCS P/N	Description
XBSP0X60-3632A3P-VBK	HCS SPOX, 36 IEX, 32A, Three Phase, Vertical Mounting, Black Chassis rPDU
XBSP0X60-3632A3P-VRD	HCS SPOX, 36 IEX, 32A, Three Phase, Vertical Mounting, Red Chassis rPDU
XBSP0X60-3632A3P-VBL	HCS SPOX, 36 IEX, 32A, Three Phase, Vertical Mounting, Blue Chassis rPDU
XBSP0X60-3632A3P-VGR	HCS SPOX, 36 IEX, 32A, Three Phase, Vertical Mounting, Green Chassis rPDU
XBSP0X60-3632A3P-VGY	HCS SPOX, 36 IEX, 32A, Three Phase, Vertical Mounting, Gray Chassis rPDU
XBSP0X60-3632A3P-VWH	HCS SPOX, 36 IEX, 32A, Three Phase, Vertical Mounting, White Chassis rPDU
XBSP0X60-3632A3P-VYL	HCS SPOX, 36 IEX, 32A, Three Phase, Vertical Mounting, Yellow Chassis rPDU

## Description

*HCS SPOX Series, Smart Per Outlet Metering & Switching rPDU, 12 IEX, 16A, Single Phase, 19 Inch Horizontal Mounting*

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Metering & Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	Yes
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 16A 250V SINGLE PHASE
Lead Length	3 meter
Cable Type	H05VV-F3G1.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	190-250V Single phase
Frequency	50-60Hz
Power Capacity	3680W
Rated Output Voltage	190-250V single phase
Output Types	12 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	482.8 x 44.4 x 220 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	(2) Metal Bracket
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

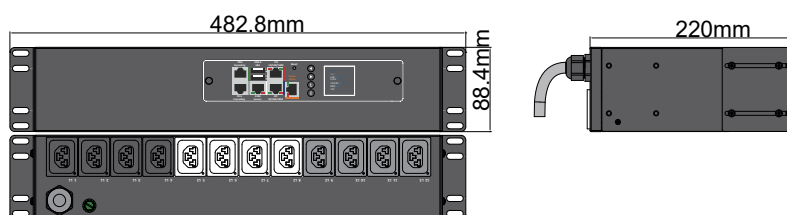
HCS P/N	Description
XNSPOX19-1216A1P-HBK	HCS SPOX, 12 IEX, 16A, Single Phase, Horizontal Mounting, Black Chassis rPDU
XNSPOX19-1216A1P-HRD	HCS SPOX, 12 IEX, 16A, Single Phase, Horizontal Mounting, Red Chassis rPDU
XNSPOX19-1216A1P-HBL	HCS SPOX, 12 IEX, 16A, Single Phase, Horizontal Mounting, Blue Chassis rPDU
XNSPOX19-1216A1P-HGR	HCS SPOX, 12 IEX, 16A, Single Phase, Horizontal Mounting, Green Chassis rPDU
XNSPOX19-1216A1P-HGY	HCS SPOX, 12 IEX, 16A, Single Phase, Horizontal Mounting, Gray Chassis rPDU
XNSPOX19-1216A1P-HWH	HCS SPOX, 12 IEX, 16A, Single Phase, Horizontal Mounting, White Chassis rPDU
XNSPOX19-1216A1P-HYL	HCS SPOX, 12 IEX, 16A, Single Phase, Horizontal Mounting, Yellow Chassis rPDU

## Description

HCS SPOX Series, Smart Per Outlet Metering & Switching rPDU, 12 IEX, 16A, Three Phase, 19 Inch Horizontal Mounting

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Metering & Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	Yes
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 16A 380-415V Three Phase
Lead Length	3 meter
Cable Type	H07RN-F5G2.5 mm <sup>2</sup>
Max. Input Load	16A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	11kW
Rated Output Voltage	190-250V single phase
Output Types	12 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	None

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	482.8 x 88.4 x 220 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	(2) Metal Bracket
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

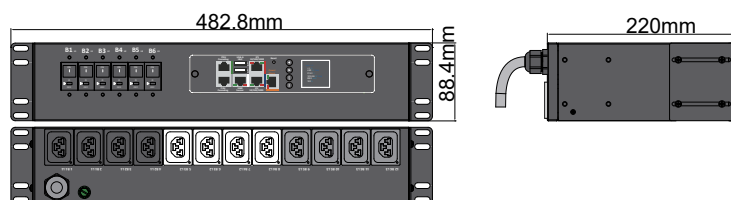
HCS P/N	Description
XNSPOX19-1216A3P-HBK	HCS SPOX, 12 IEX, 16A, Three Phase, Horizontal Mounting, Black Chassis rPDU
XNSPOX19-1216A3P-HRD	HCS SPOX, 12 IEX, 16A, Three Phase, Horizontal Mounting, Red Chassis rPDU
XNSPOX19-1216A3P-HBL	HCS SPOX, 12 IEX, 16A, Three Phase, Horizontal Mounting, Blue Chassis rPDU
XNSPOX19-1216A3P-HGR	HCS SPOX, 12 IEX, 16A, Three Phase, Horizontal Mounting, Green Chassis rPDU
XNSPOX19-1216A3P-HGY	HCS SPOX, 12 IEX, 16A, Three Phase, Horizontal Mounting, Gray Chassis rPDU
XNSPOX19-1216A3P-HWH	HCS SPOX, 12 IEX, 16A, Three Phase, Horizontal Mounting, White Chassis rPDU
XNSPOX19-1216A3P-HYL	HCS SPOX, 12 IEX, 16A, Three Phase, Horizontal Mounting, Yellow Chassis rPDU

## Description

*HCS SPOX Series, Smart Per Outlet Metering & Switching rPDU, 12 IEX, 32A, Three Phase, 19 Inch Horizontal Mounting*

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Metering & Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	Yes
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 32A 380-415V Three Phase
Lead Length	3 meter
Cable Type	H07RN-F5G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	22.1kW
Rated Output Voltage	190-250V single phase
Output Types	12 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	(6) 1 Pole Carling 16A J Series J51-BO-24-616-M1D-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	482.8 x 88.4 x 220 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	(2) Metal Bracket
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

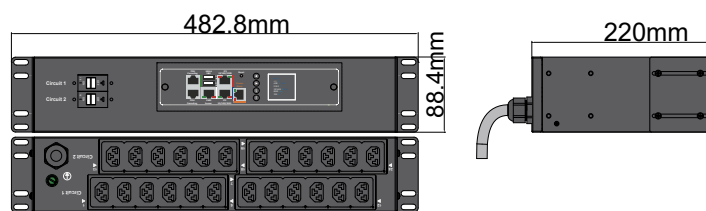
HCS P/N	Description
XBSP0X19-1232A3P-HBK	HCS SPOX, 12 IEX, 32A, Three Phase, Horizontal Mounting, Black Chassis rPDU
XBSP0X19-1232A3P-HRD	HCS SPOX, 12 IEX, 32A, Three Phase, Horizontal Mounting, Red Chassis rPDU
XBSP0X19-1232A3P-HBL	HCS SPOX, 12 IEX, 32A, Three Phase, Horizontal Mounting, Blue Chassis rPDU
XBSP0X19-1232A3P-HGR	HCS SPOX, 12 IEX, 32A, Three Phase, Horizontal Mounting, Green Chassis rPDU
XBSP0X19-1232A3P-HGY	HCS SPOX, 12 IEX, 32A, Three Phase, Horizontal Mounting, Gray Chassis rPDU
XBSP0X19-1232A3P-HWH	HCS SPOX, 12 IEX, 32A, Three Phase, Horizontal Mounting, White Chassis rPDU
XBSP0X19-1232A3P-HYL	HCS SPOX, 12 IEX, 32A, Three Phase, Horizontal Mounting, Yellow Chassis rPDU

## Description

*HCS SPOX Series, Smart Per Outlet Metering & Switching rPDU, 24 IEX, 32A, Single Phase, 19 Inch Horizontal Mounting*

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Metering & Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	Yes
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC 60309 1P+N+E 6h 32A 250V SINGLE PHASE
Lead Length	3 meter
Cable Type	H07RN-F3G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	190-250V Single phase
Frequency	50-60Hz
Power Capacity	7360W
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	(2) 1 Pole Carling 16A L Series L31-B0-24-616-H12-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	482.8 x 88.4 x 220 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	(2) Metal Bracket
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

HCS P/N	Description
XBSP0X19-2432A1P-HBK	HCS SPOX, 24 IEX, 32A, Single Phase, Horizontal Mounting, Black Chassis rPDU
XBSP0X19-2432A1P-HRD	HCS SPOX, 24 IEX, 32A, Single Phase, Horizontal Mounting, Red Chassis rPDU
XBSP0X19-2432A1P-HBL	HCS SPOX, 24 IEX, 32A, Single Phase, Horizontal Mounting, Blue Chassis rPDU
XBSP0X19-2432A1P-HGR	HCS SPOX, 24 IEX, 32A, Single Phase, Horizontal Mounting, Green Chassis rPDU
XBSP0X19-2432A1P-HGY	HCS SPOX, 24 IEX, 32A, Single Phase, Horizontal Mounting, Gray Chassis rPDU
XBSP0X19-2432A1P-HWH	HCS SPOX, 24 IEX, 32A, Single Phase, Horizontal Mounting, White Chassis rPDU
XBSP0X19-2432A1P-HYL	HCS SPOX, 24 IEX, 32A, Single Phase, Horizontal Mounting, Yellow Chassis rPDU

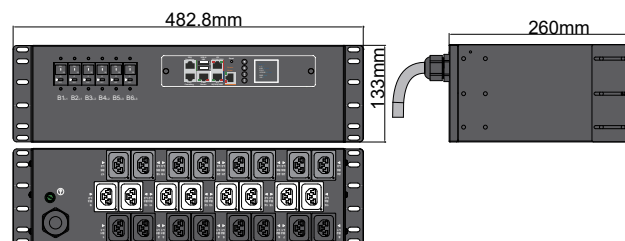


## Description

*HCS SPOX Series, Smart Per Outlet Metering & Switching rPDU, 24 IEX, 32A, Three Phase, 19 Inch Horizontal Mounting*

## Qualifications and Approvals

- ✓ IEC 62368-1 (3rd Edition)
- ✓ RoHS
- ✓ CE



## GENERAL PROPERTIES

Technology	Per Outlet Metering & Switching
Energy Metering	Voltage(V), Current(A), Active Power(W), Apparent Power (VA), Reactive Power (var), PF, Frequency(Hz), kWh
Metering per Input Line	Yes (Branch Circuit and Total Current) Accuracy 1%
Metering per Output Receptacle	Yes
Remote Outlet Switching	Yes
Ethernet Port	2 Gigabit Ethernet ports to access the PDU from 2 different networks
Networking Protocols	DHCP, IPv4 and IPv6, DNS, http / https, SSHv.2, SNMP v1 / v2c / v3, SNMP TRAPS / SETS / GETS, SMTP, Modbus, TCP, RADIUS, Syslog, TLS 1.3, SNTP, ARP, ICMP, ICMPv6, UDP, NDP
PDU Cascading	16 rPDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Access Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking, webcam, rPDU configuration and mobile interface
Environmental Sensors	All in one Temperature and Humidity sensor with 2 digital inputs (for connect air flow, door sensor, water leak, smoke detector and Vibration sensor) plug and play bus allows to connect 8 EMD devices in one rPDU

## INPUT & OUTPUT PROPERTIES

Plug	IEC60309 3P+N+E 6h 32A 380-415V Three Phase
Lead Length	3 meter
Cable Type	H07RN-F5G4.0 mm <sup>2</sup>
Max. Input Load	32A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	22.1kW
Rated Output Voltage	190-250V single phase
Output Types	24 IEX (C13,C15,C19,C21) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	(6) 1 Pole Carling 16A J Series J51-BO-24-616-M1D-D3

## PHYSICAL AND MECHANICAL PROPERTIES

Dimensions (H x W x D)	482.8 x 133 x 260 mm
Housing	Aluminium
Colors	Default RAL 9004 black powder coat (different colors are available)
Mounting Options	(2) Metal Bracket
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in·lbs)
Temperature Range	0° to 60° C
Humidity	0 - 95 %
Elevation	0 - 4000 Meters

## ORDERING INFORMATION

HCS P/N	Description
XBSP0X19-2432A3P-HBK	HCS SPOX, 24 IEX, 32A, Three Phase, Horizontal Mounting, Black Chassis rPDU
XBSP0X19-2432A3P-HRD	HCS SPOX, 24 IEX, 32A, Three Phase, Horizontal Mounting, Red Chassis rPDU
XBSP0X19-2432A3P-HBL	HCS SPOX, 24 IEX, 32A, Three Phase, Horizontal Mounting, Blue Chassis rPDU
XBSP0X19-2432A3P-HGR	HCS SPOX, 24 IEX, 32A, Three Phase, Horizontal Mounting, Green Chassis rPDU
XBSP0X19-2432A3P-HGY	HCS SPOX, 24 IEX, 32A, Three Phase, Horizontal Mounting, Gray Chassis rPDU
XBSP0X19-2432A3P-HWH	HCS SPOX, 24 IEX, 32A, Three Phase, Horizontal Mounting, White Chassis rPDU
XBSP0X19-2432A3P-HYL	HCS SPOX, 24 IEX, 32A, Three Phase, Horizontal Mounting, Yellow Chassis rPDU

### Description

*IEX Locking Socket - Power Cord Solutions*

### Features

- Patented IEX Locking Systems
- Low cost locking solution at both ends
- Locking Sleeve for C13 and C19 Plugs

### Qualifications and Approvals

- ✓ VDE
- ✓ UL



**C14 - C13 Sleeve**  
(H05VV-F3G1 mm<sup>2</sup>)



**C14PLOCK - C13 Sleeve**  
(H05VV-F3G1 mm<sup>2</sup>)



**C20PLOCK - C19 Sleeve**  
(H05VV-F3G1,5 mm<sup>2</sup>)



**C20PLOCK - C13 Sleeve**  
(H05VV-F3G1 mm<sup>2</sup>)

### ORDERING INFORMATION

C14 - C13 Sleeve		C14PLOCK - C13 Sleeve	
HCS P/N	Description	HCS P/N	Description
C14NC13N-BK-05	C14 - C13 Sleeve, Black, 0.5 meter	C14LC13N-BK-05	C14PLOCK - C13 Sleeve, Black, 0.5 meter
C14NC13N-BK-10	C14 - C13 Sleeve, Black, 1.0 meter	C14LC13N-BK-10	C14PLOCK - C13 Sleeve, Black, 1.0 meter
C14NC13N-BK-20	C14 - C13 Sleeve, Black, 2.0 meter	C14LC13N-BK-20	C14PLOCK - C13 Sleeve, Black, 2.0 meter
C14NC13N-RD-05	C14 - C13 Sleeve, Red, 0.5 meter	C14LC13N-RD-05	C14PLOCK - C13 Sleeve, Red, 0.5 meter
C14NC13N-RD-10	C14 - C13 Sleeve, Red, 1.0 meter	C14LC13N-RD-10	C14PLOCK - C13 Sleeve, Red, 1.0 meter
C14NC13N-RD-20	C14 - C13 Sleeve, Red, 2.0 meter	C14LC13N-RD-20	C14PLOCK - C13 Sleeve, Red, 2.0 meter
C14NC13N-BL-05	C14 - C13 Sleeve, Blue, 0.5 meter	C14LC13N-BL-05	C14PLOCK - C13 Sleeve, Blue, 0.5 meter
C14NC13N-BL-10	C14 - C13 Sleeve, Blue, 1.0 meter	C14LC13N-BL-10	C14PLOCK - C13 Sleeve, Blue, 1.0 meter
C14NC13N-BL-20	C14 - C13 Sleeve, Blue, 2.0 meter	C14LC13N-BL-20	C14PLOCK - C13 Sleeve, Blue, 2.0 meter

C20PLOCK - C19 Sleeve		C20PLOCK - C13 Sleeve	
HCS P/N	Description	HCS P/N	Description
C20LC19N-BK-05	C20PLOCK - C19 Sleeve, Black, 0.5 meter	C20LC13N-BK-05	C20PLOCK - C13 Sleeve, Black, 0.5 meter
C20LC19N-BK-10	C20PLOCK - C19 Sleeve, Black, 1.0 meter	C20LC13N-BK-10	C20PLOCK - C13 Sleeve, Black, 1.0 meter
C20LC19N-BK-20	C20PLOCK - C19 Sleeve, Black, 2.0 meter	C20LC13N-BK-20	C20PLOCK - C13 Sleeve, Black, 2.0 meter
C20LC19N-RD-05	C20PLOCK - C19 Sleeve, Red, 0.5 meter	C20LC13N-RD-05	C20PLOCK - C13 Sleeve, Red, 0.5 meter
C20LC19N-RD-10	C20PLOCK - C19 Sleeve, Red, 1.0 meter	C20LC13N-RD-10	C20PLOCK - C13 Sleeve, Red, 1.0 meter
C20LC19N-RD-20	C20PLOCK - C19 Sleeve, Red, 2.0 meter	C20LC13N-RD-20	C20PLOCK - C13 Sleeve, Red, 2.0 meter
C20LC19N-BL-05	C20PLOCK - C19 Sleeve, Blue, 0.5 meter	C20LC13N-BL-05	C20PLOCK - C13 Sleeve, Blue, 0.5 meter
C20LC19N-BL-10	C20PLOCK - C19 Sleeve, Blue, 1.0 meter	C20LC13N-BL-10	C20PLOCK - C13 Sleeve, Blue, 1.0 meter
C20LC19N-BL-20	C20PLOCK - C19 Sleeve, Blue, 2.0 meter	C20LC13N-BL-20	C20PLOCK - C13 Sleeve, Blue, 2.0 meter

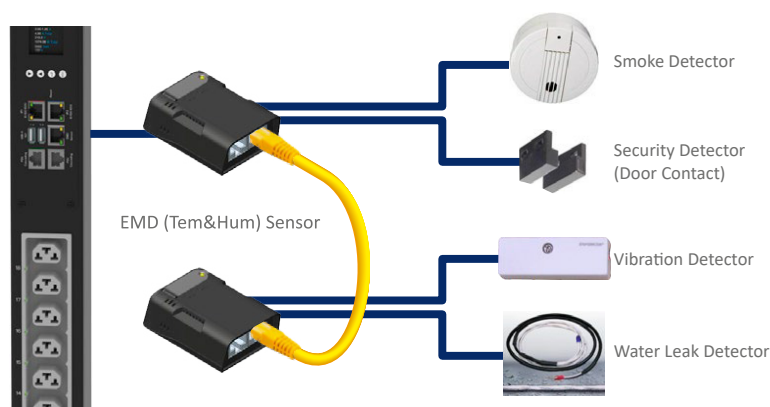
## Description

HCS EMD is an environmental monitoring device that allows you to monitor temperature and humidity and status for 2 digital input sensors such (water leak, door contact, motion, vibration, smoke and any other sensor with normally open or closed).



## Features

- Real-time temperature/humidity and other environmental conditions monitoring
  - \*Temperature Monitoring: Measures temperatures between 0°C and 80°C with an accuracy of +1°C
  - \*Humidity Monitoring: Measures relative humidity between 10% and 90% RH with an accuracy of +3%
- Monitors the status of two user-provide contact devices to protect your critical equipments  
Two additional sensor devices can be connected to the HCS EMD and monitored via HCS rPDU.
- \* Addition sensor devices include:
  - ☒ Security/Motion detector
  - ☒ Smoke detector
  - ☒ Vibration detector
  - ☒ Water Leak detector
  - ☒ Universal (any device with normally-open or closed)
- Can cascade up to 8 EMD
- User selectable alarm thresholds allow you define acceptable temperature or humidity limits
- Comprehensive environment conditions management and flexible configuration via Web Browser, NMS (Network Management System), SNMP or SSH
- Automatic events notification via E-mail and SNMP Trap
- Regularly records EMD parameters for statistical analysis and event diagnostics



## ORDERING INFORMATION

HCS P/N	Description
HCS-EMD-MAIN	HCS EMD Enviromental Monitoring Device (Tem & Hum Detector)
HCS-EMD-VD	HCS EMD Vibration Detector
HCS-EMD-WDA	HCS EMD Water Leak Detector, 1m, Type A
HCS-EMD-WDB	HCS EMD Water Leak Detector, 4m, Type B
HCS-EMD-SD	HCS EMD Smoke Detector
HCS-EMD-DC	HCS EMD Security (Door Contact) Detector

## Description

The Smoke Detector is a device which connects with HCS EMD.

Through inSentry, user can monitor it if there is any situation of Smoke.

## Features

- New Design on minified Chamber makes so easy for maintenance.
- High luminous LED for light guiding design
- Detector has passed strict EMC test, which greatly eliminates false alarms caused by interference from nearby sources.
- Simple test method: Press test button to hear the alarm sound and confirm the unit is in normal condition.
- Easy installation: Install directly to proper location without any wiring.
- It is equipped with 9VDC battery, and optional 100-240VAC power plug is available.
- Optional relay output: COM. NO. NC.
- Optional series connection wiring can co-activate up to 20 detectors.



## Approval

- ☒ EN 14604
- ☒ CE

## PROPERTIES

Power	9V Battery
Sensitivity Setting	Comply to EN14604
Indicator	Standby: flash every 45 seconds Alarm: flash and beep continuously Battery abnormal: beeps and flash intermittently
Sound	90dB/M and above
Ambient Temperature	-10C to + 55C
Material	Fire-Proof Plastic
Dimensions	102 Diameter x 48mm Height
Weight	About 165g
Color	White
Optional Function	Type 1: 9V Battery Type 2: Includes signal transfer COM. N.O. N.C. Type 3: Type 2 + Type 4 Type 4: Build-in 110VAC or 220VAC plug

## EFFECTIVE ALERT AREA

Building Height	Area Covered
Under 4M	150m <sup>2</sup>
4-20M	75M <sup>2</sup>

## ORDERING INFORMATION

HCS P/N	Description
HCS-EMD-SD	HCS EMD Smoke Detector

## Description

The water leak Detector is a device which connects with HCS EMD. Through inSentry, user can monitor it if there is water leak. While water permeates into detective line, the conductivity enhances the intensity of electric current and the alarm will be triggered. There are two types of water leak sensors:

Type A: 1m water leak sensor connected to 1.2m electrical cable with a termination

Type B: 4m water leak sensor connected to 1.2m electrical cable with a termination



## Recommended Location of Detectors

- Common usage are areas where mission-critical equipment is being maintained, including data rooms, data centers, clean rooms, utility corridors, laboratories, telecommunication facilities, storage areas, elevator shafts, drip pans under water-cooled equipment, and many more.
- The most common application for water leak detection is under raised floors. People now understand that water can come from a roof that leaks or even additional floors located above the critical equipment of concern. It is not unusual for water leak detection cable to be installed under the raised floor as well as in the ceiling above equipment.
- Facilities and equipment that use water-cooled technology have started to add water leak sensors to provide early warning of leaks that could potentially cause costly equipment damage and downtime.
- The cable is installed around the supply and return water lines to continuously monitor for leaks.

## PROPERTIES

Conductor	TCU
Insulator	PVC weave
Color	White, White + Red
Wrap	Nylon weave
Power consumption	Under AC 6V, 1mA

## ORDERING INFORMATION

HCS P/N	Description
HCS-EMD-WDA	HCS EMD Water Leak Detector, 1m, Type A
HCS-EMD-WDB	HCS EMD Water Leak Detector, 4m, Type B

## Description

*The vibration detector is a device which connects with HCS EMD.  
Through inSentry, user can monitor it if there is any situation of vibration.*



## Features

- Vibration Detector is designed for protecting against forced entry by hammer, saw, crowbar, etc. through walls, ceilings, windows, safes, cabinets, etc. It is used in closed-circuit alarm systems and will initiate an alarm when a vibration of considerable force strikes the protected surface.
- Vibration Detector detects shock of movement.

If you want something keep still, you can stick it on the surface of the object to detect and alarm the movement of the object.

## ORDERING INFORMATION

HCS P/N	Description
HCS-EMD-VD	HCS EMD Vibration Detector

### Description

The security/motion detector is a device which connects with HCS EMD. Through inSentry, user can monitor it if the door or window is open.



### Features

→ Security detectors are commonly used in burglar alarm systems as door/window open sensors; however they can be disabled if they are in a strong, external magnetic field. If a security detector is dropped onto a hard surface from more than 30cm or subject to shock of more than 30G, it is possible to cause the characteristics to change (Pull-in, Drop-out, etc.).

### Recommended Location of Detectors

Door, Window and Safe

#### ORDERING INFORMATION

HCS P/N	Description
HCS-EMD-DC	HCS EMD Security (Door Contact) Detector