

FEATURES	
Technology	POS (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 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 PDUs
Power Share	Yes
Network Controller	Replaceable Hot Swapable controller with 4 button OLED display
Residual Current Monitoring	No
Rack Acces Control	Compatible with DCIM solutions
USB Ports	2 USB A ports WiFi networking,webcam,PDU 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 PDU
INPUT	
Plug	IEC60309 3P+N+E 6h 16A 380-415V
Lead Length	3 meter
Cable Type	H07RN-F5G2.5 mm ²
Max. Input Load	16A
Rated Input Voltage	380-415V three phase
Frequency	50-60Hz
Power Capacity	11kW
OUTPUT	
Rated Output Voltage	190-250V Single phase
Output Types	12 IEX (C13/C19) combo with LED (Max rate 16A) EN61984+UL498 certified
Overload Protection	No
CHASSIS	
Dimensions (W x D x H)	482.8 x 88.4 x 220 mm
Color	RAL 9004 black powder coat
Mounting Options	(2) Metal bracket
Required Torque for Mounting Screws	≥2.54N·m (25.9kgf·cm or 22.4 in-lbs)
OPERATING ENVIRONMENT	
Temperature Range	0º to 60º C (30º to 140º F)
Humidity	0 - 95 %
Elevation	0 - 4000 Meters
CONFORMANCE	
IEC 62368-1 (Third Edition)	
   	

The front panel of the Raspberry Pi 4 Model B features the following components from left to right:

- Ports:**
 - COM:** A 4-pin header for connecting a serial console.
 - PCIe:** A Mini PCIe slot for adding external modules.
 - USB-A (5V):** A standard USB-A port for power and data.
 - COM (UART):** A 4-pin header for connecting a serial console.
 - IP/S:** An RJ45 Ethernet port for network connectivity.
 - Reset:** A circular button to restart the device.
 - Power:** A USB-C port for power and data.
 - GPIO:** A 40-pin header for connecting external components.
 - EMMC:** A MicroSD card slot for storage.
 - IP/S:** A second RJ45 Ethernet port.
 - IP/S (2.5G):** A 2.5Gb Ethernet port for high-speed networking.
- Indicators:**
 - LEDs:** Two status LEDs, one for power and one for network activity.
 - Buttons:** Two circular buttons, one for power and one for network.
- Labels:**
 - COM:** Label for the serial console header.
 - PCIe:** Label for the Mini PCIe slot.
 - USB-A (5V):** Label for the USB-A port.
 - COM (UART):** Label for the serial console header.
 - IP/S:** Label for the Ethernet port.
 - Reset:** Label for the reset button.
 - Power:** Label for the USB-C port.
 - GPIO:** Label for the 40-pin header.
 - EMMC:** Label for the MicroSD card slot.
 - IP/S:** Label for the Ethernet port.
 - IP/S (2.5G):** Label for the 2.5Gb Ethernet port.

Top view of the device. The overall width is 462.6 mm. The front panel features a central port area with four RJ45 ports (labeled 1, 2, 3, 4), two SFP ports (labeled SFP1, SFP2), and a USB port. To the right of the ports are four status LEDs (Power, Link, Tx, Rx) and a small display screen showing 'Link', 'Tx', 'Rx', and 'Power'. The device has a black front panel and a silver rear panel with mounting ears.

Diagram showing the connection of a cable to a terminal block on a device. The cable is connected to the terminal block, and the device is labeled with the number 220.

—VIEW B

Hot Swap Control Module

Chassis Color	Code
Black	Standard color
White	W
Red	R
Blue	A
Green	G
Orange	O
Grey	GY
Yellow	Y

Packing content:

IEX Lock-VP



X12 (black,white,grey)

—VIEW A

POS Series Inlet Power monitoring Per outlet Switching Environmental monitoring	OUTPUT (4) IEX (C13/C19) combo with LED Black (Max rate 16A) (4) IEX (C13/C19) combo with LED White (Max rate 16A) (4) IEX (C13/C19) combo with LED Grey (Max rate 16A)	OPERATING TEMPERATURE 0° to 60°C
	INPUT 380-415VAC 16A 50HZ IEC60309 16A 3P+N+E Plug 3m H07RN-F5G2.5mm² Power Lead	BRANCH CIRCUITS (2) Metal bracket

Revisions		
Rev	Description	Date

DRAWING TYPE  (NO PERMISSION,NO CHANGING)		IEXPOS601216A3PH	
unit=mm TECHNICAL STANDARD IT11; NO RUST NO FLAW ON THE SURFACE	Housing	SECC Panel T=1.2mm	
		Black Powder Coating	
		RAL9004	
FILLET	R0.5		
ANGLE	±0.5°		
FIRST ANGLE 			
		DATE 28-07-2023	

- Low cost locking solution at both ends
- Different colors available
- Patented IEX locking system
- Locking sleeve for C13 and C19 plugs
- VDE, UL approved

IEX PATENTED LOCKING SOCKET - POWER CORD SOLUTION



C14 - C13 Sleeve

H05VV-F3G1 mm²

Color	0,5M	1M	2M
Black	✓	✓	✓
Red	✓	✓	✓
Blue	✓	✓	✓



C14PLOCK - C13 Sleeve

H05VV-F3G1 mm²

Color	0,5M	1M	2M
Black	✓	✓	✓
Red	✓	✓	✓
Blue	✓	✓	✓



C20PLOCK - C19 Sleeve

H05VV-F3G1,5 mm²

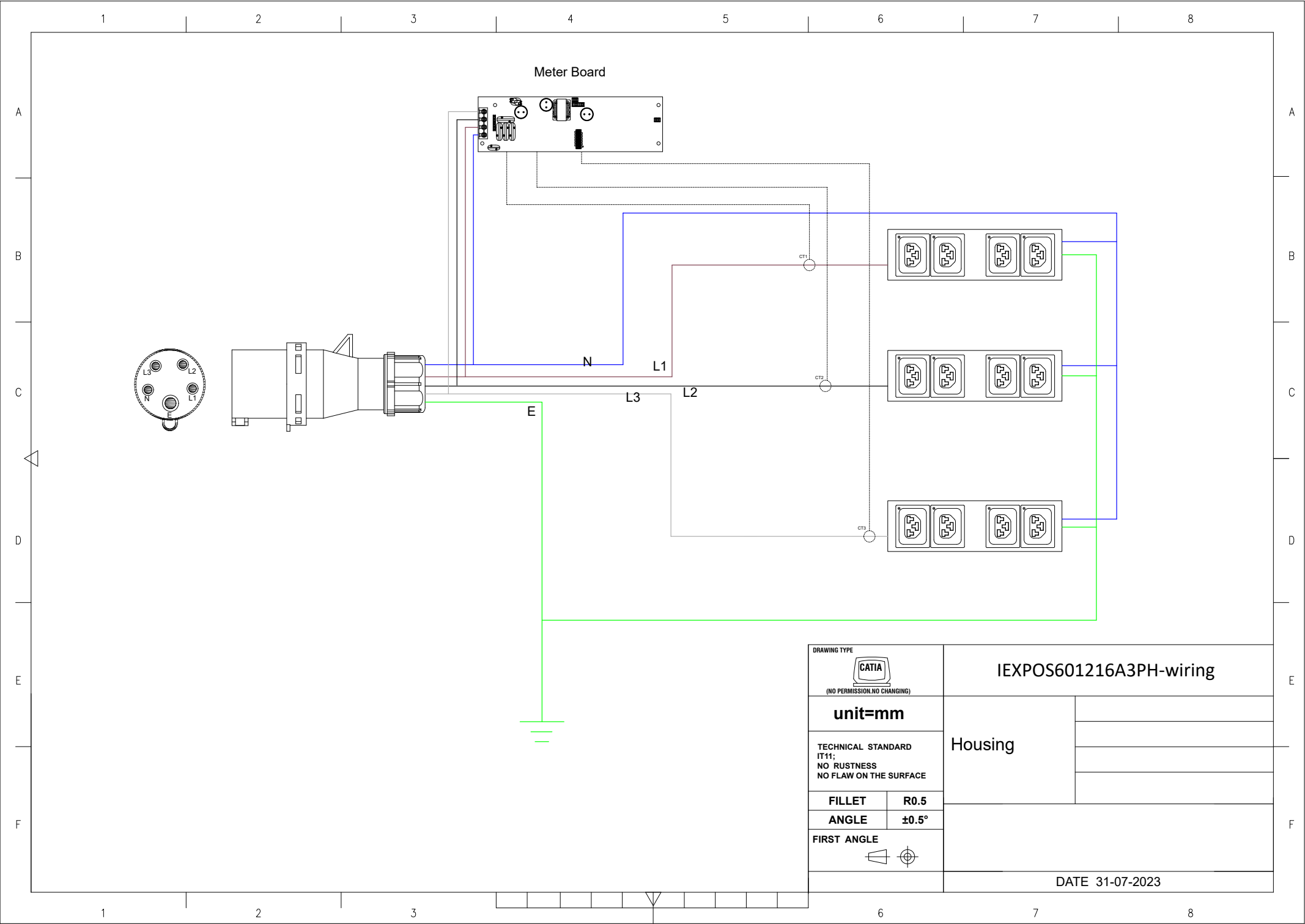
Color	1M	2M
Black	✓	✓
Red	✓	✓
Blue	✓	✓



C20PLOCK - C13 Sleeve

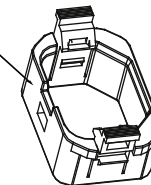
H05VV-F3G1 mm²

Color	1M	2M
Black	✓	✓
Red	✓	✓
Blue	✓	✓

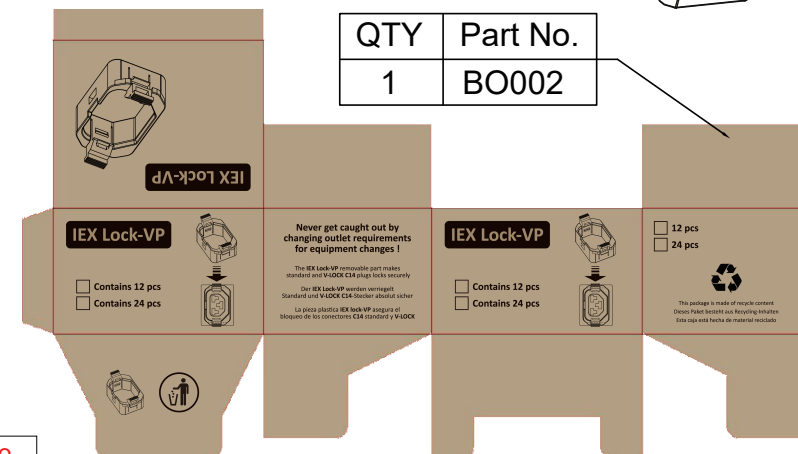


DRAWING TYPE		IEXPOS601216A3PH-wiring	
 (NO PERMISSION.NO CHANGING)		Housing	
unit=mm			
TECHNICAL STANDARD IT11; NO RUSTNESS NO FLAW ON THE SURFACE			
FILLET	R0.5		
ANGLE	±0.5°		
FIRST ANGLE			
		DATE 31-07-2023	

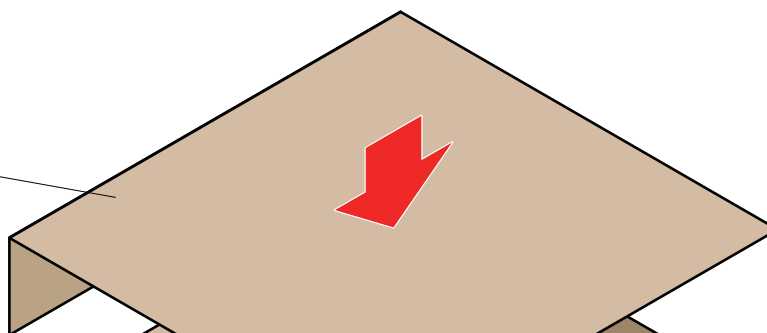
QTY	Part No.
4	IEXLOCKB
4	IEXLOCKW
4	IEXLOCKG



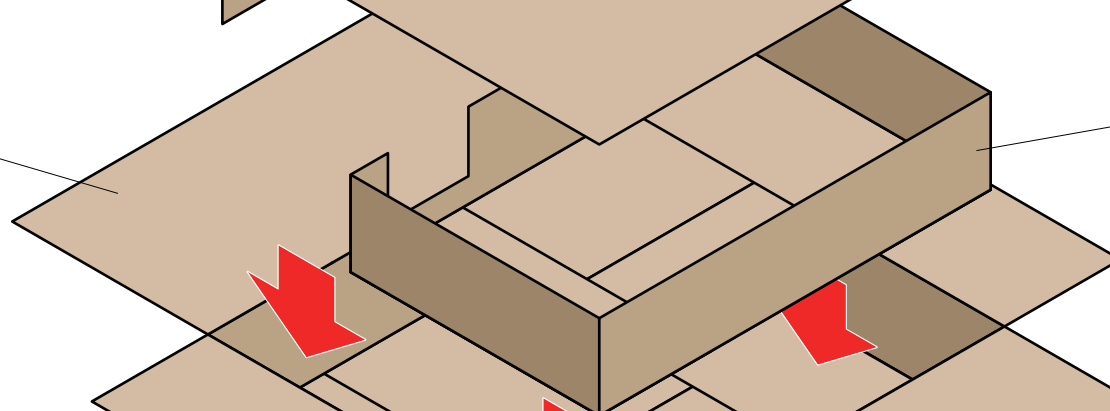
QTY	Part No.
1	BO002



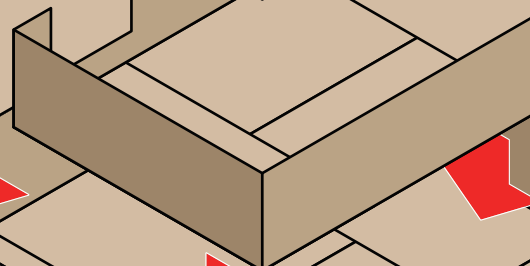
Part N.o
PP081-16



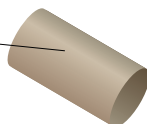
Part N.o
CB040-3



Part N.o
PP030-9

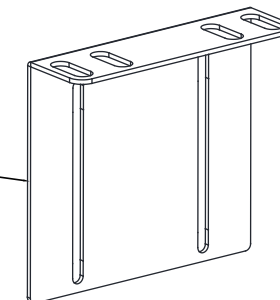


Part No.
PP030-3

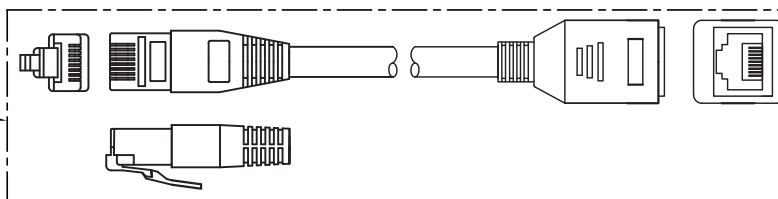


QTY	Part No.
2	Metal Bracket

QTY	Part No.
8	MT066



QTY	Part No.
1	PD090-3



CB040-3

Section 44x42.5x11 cm

Weight: 7kg(1 PDU)