

## 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 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 PDUs                                                                                                                                                                                                            |
| 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, 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                | 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                                     |

## OUTPUT

|                      |                                                                        |
|----------------------|------------------------------------------------------------------------|
| Rated Output Voltage | 190-250V Single phase                                                  |
| Output Types         | 36 IEX (C13/C19) combo with LED (Max rate 16A) EN61984+UL498 certified |
| Overload Protection  | None                                                                   |

## CHASSIS

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| Dimensions (W x D x H)              | 1520 x 60 x 72 mm                    |
| Color                               | RAL 9004 black powder coat           |
| Mounting Options                    | 4 mounting options (see page 2)      |
| Required Torque for Mounting Screws | ≥2.54N·m (25.9kgf·cm or 22.4 in·lbs) |

## OPERATING ENVIRONMENT

|                   |                             |
|-------------------|-----------------------------|
| Temperature Range | 0° to 60° C (30° to 140° F) |
| Humidity          | 0 - 95 %                    |
| Elevation         | 0 - 4000 Meters             |

## CONFORMANCE

IEC 62368-1 (Third Edition)





- 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 mm<sup>2</sup>

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



**C14PLOCK - C13 Sleeve**

H05VV-F3G1 mm<sup>2</sup>

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



**C20PLOCK - C19 Sleeve**

H05VV-F3G1,5 mm<sup>2</sup>

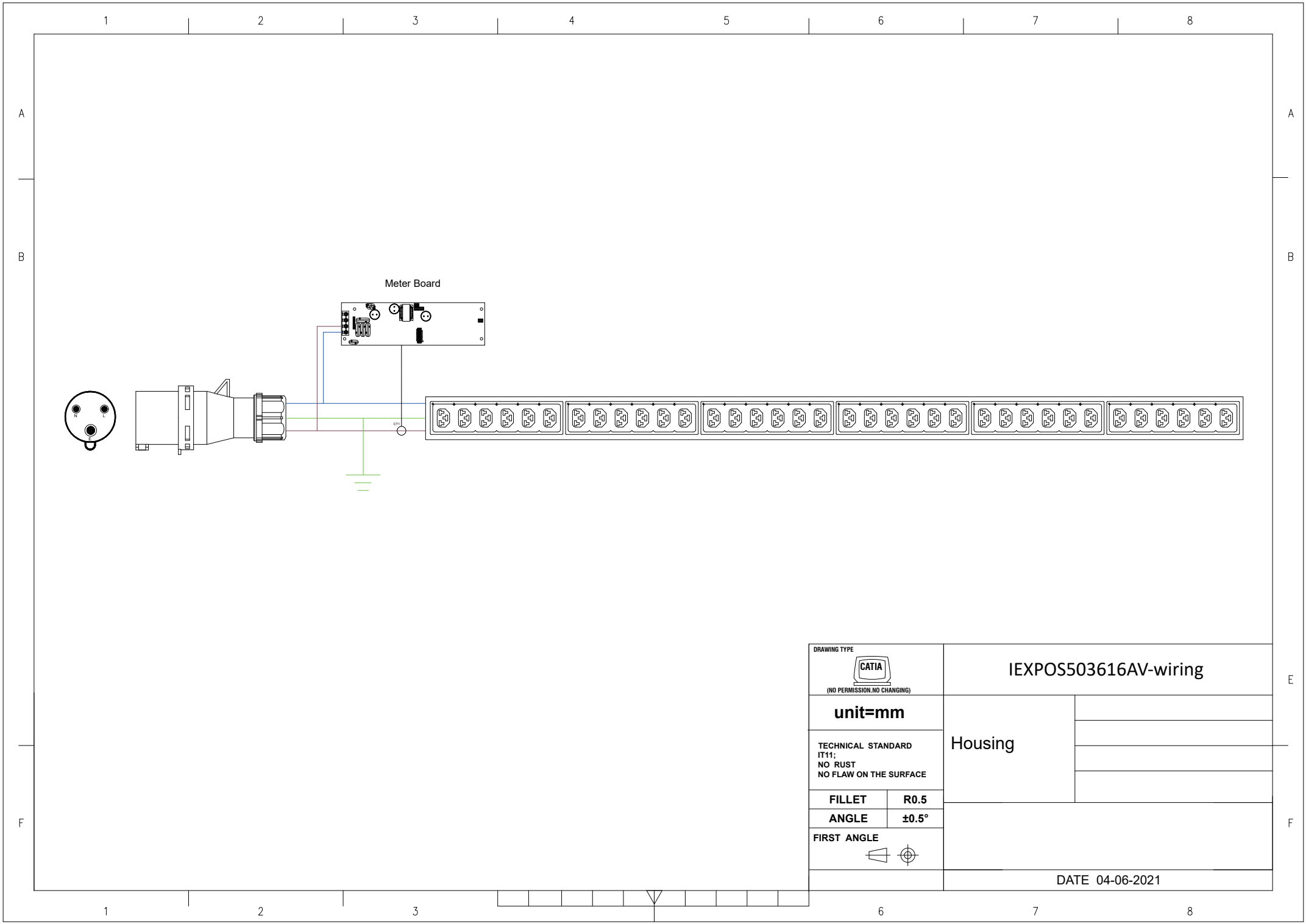
| Color | 1M | 2M |
|-------|----|----|
| Black | ✓  | ✓  |
| Red   | ✓  | ✓  |
| Blue  | ✓  | ✓  |



**C20PLOCK - C13 Sleeve**

H05VV-F3G1 mm<sup>2</sup>

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



|                                                                                                                                  |       |                       |  |
|----------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------|--|
| DRAWING TYPE                                                                                                                     |       | IEXPOS503616AV-wiring |  |
| <div><br/>(NO PERMISSION.NO CHANGING)</div> |       |                       |  |
| unit=mm                                                                                                                          |       | Housing               |  |
| TECHNICAL STANDARD<br>IT11;<br>NO RUST<br>NO FLAW ON THE SURFACE                                                                 |       |                       |  |
| FILLET                                                                                                                           | R0.5  |                       |  |
| ANGLE                                                                                                                            | ±0.5° |                       |  |
| FIRST ANGLE                                                                                                                      |       |                       |  |
| <div></div>                                 |       |                       |  |
|                                                                                                                                  |       | DATE 04-06-2021       |  |

| QTY | Part No. |
|-----|----------|
| 1   | PD090-3  |

|          |
|----------|
| Part No. |
| PP029-3  |

|          |
|----------|
| Part No. |
| PP081-4  |

|          |
|----------|
| Part No. |
| PP030-1  |

| QTY | Part No. |
|-----|----------|
| 2   | MT190    |

| QTY | Part No. |
|-----|----------|
| 2   | MT124-1  |

| QTY | Part No. |
|-----|----------|
| 2   | PL178    |

| QTY | Part No. |
|-----|----------|
| 2   | MT124-1  |

| QTY | Part No. |
|-----|----------|
| 2   | MT190-2  |

| QTY | Part No. |
|-----|----------|
| 6   | MT124    |

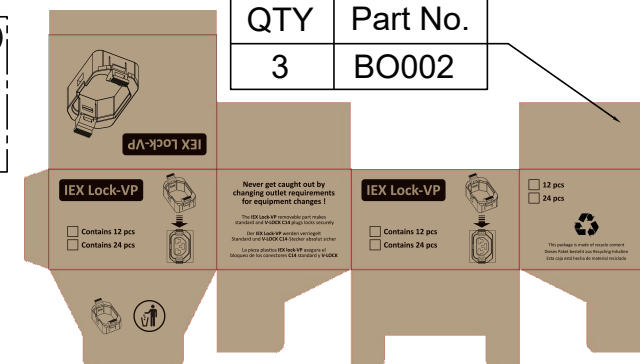
| QTY | Part No. |
|-----|----------|
| 2   | PL178    |

| QTY | Part No. |
|-----|----------|
| 2   | MT190-3  |

|          |
|----------|
| Part No. |
| PP070-3  |

| QTY | Part No. |
|-----|----------|
| 36  | IEXLOCKB |

| QTY | Part No. |
|-----|----------|
| 3   | BO002    |



**PK035**

Section 23.5x9 cm Length 175 cm

Weight: 8kg(2 PDU)