

## FEATURES

|                                |                                                                                                                                                                                                                    |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Technology                     | PIM (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 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 , Telnet, TCP, RADIUS, Syslog, TLS 1.2, 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 (optional)                                                                                                                                                                                                      |
| 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                | 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         | 18 IEX (C13/C19) combo (Max rate 16A) EN61984+UL498 certified |
| Overload Protection  | None                                                          |

## CHASSIS

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| Dimensions (W x D x H)              | 1050 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) |

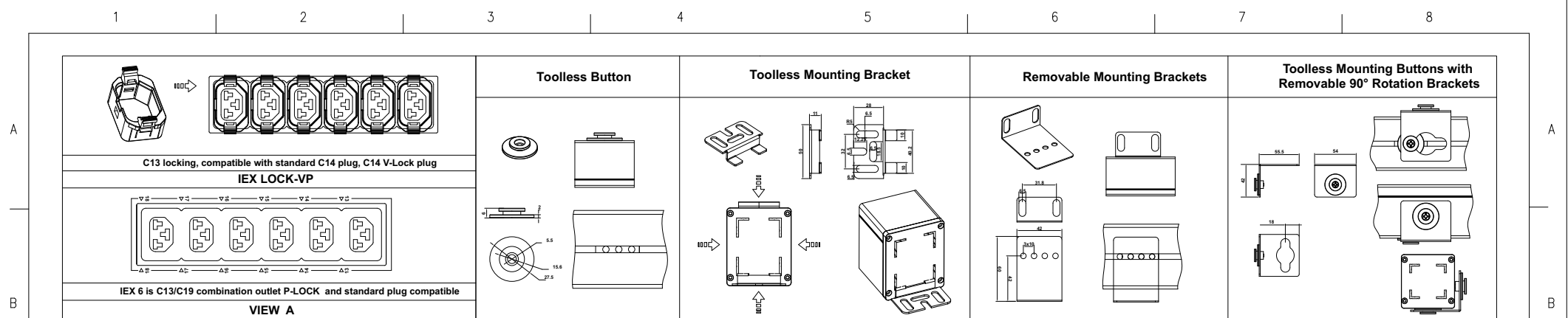
## OPERATING ENVIRONMENT

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

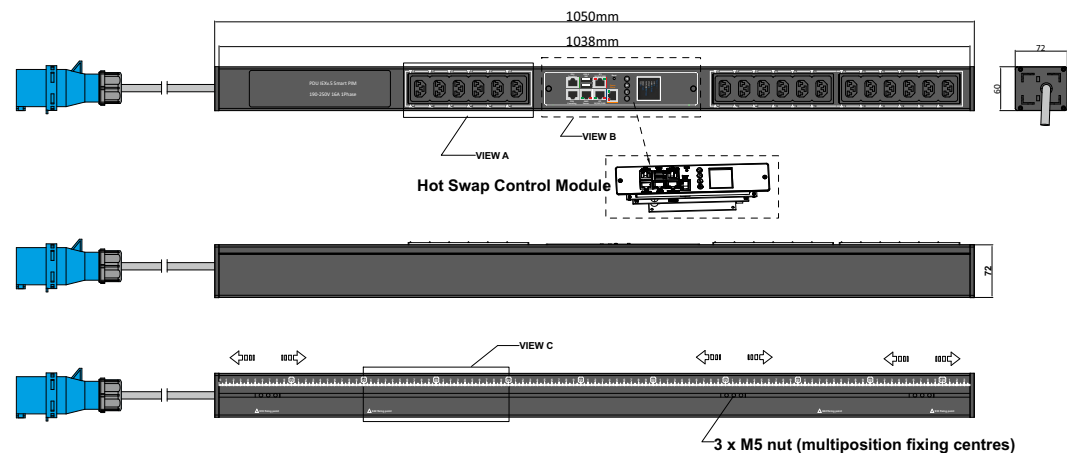
## CONFORMANCE

IEC 62368-1 (Third Edition)

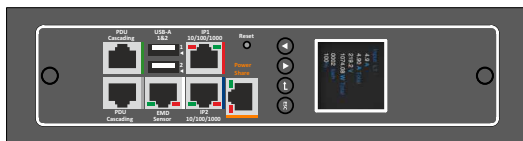




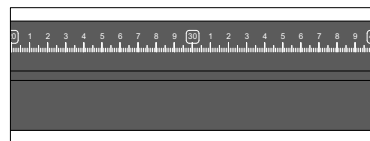
| Chassis Color | Code           |
|---------------|----------------|
| Black         | Standard color |
| White         | W              |
| Red           | R              |
| Blue          | A              |
| Green         | G              |
| Orange        | O              |
| Grey          | GY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



VIEW B:



VIEW C:



**Packing content:**

IEX Lock-VP  X18 Red

| <div>PIM Series</div> <div>Inlet Power Monitoring</div> <div>Environmental Monitoring</div>                    | <div>OUTPUT</div> <div>(18) IEX (C13/C19) combo Black<br/>(Max rate 16A)</div> | <div>OPERATING TEMPERATURE</div> <div>0° to 60°C</div>                                                                                                                                                        | <div>Revisions</div> <table><tr><th>Rev</th><th>Description</th><th>Date</th></tr><tr><td></td><td></td><td></td></tr></table> |  |             | Rev     | Description                       | Date                 |                 |  |  | (NO PERMISSION.NO CHANGING) |  | <div>Housing</div> | Aluminium |  |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--|-------------|---------|-----------------------------------|----------------------|-----------------|--|--|-----------------------------|--|--------------------|-----------|--|
|                                                                                                                |                                                                                |                                                                                                                                                                                                               |                                                                                                                                |  |             | Rev     | Description                       | Date                 |                 |  |  |                             |  |                    |           |  |
|                                                                                                                |                                                                                |                                                                                                                                                                                                               |                                                                                                                                |  |             |         |                                   |                      |                 |  |  |                             |  |                    |           |  |
|                                                                                                                |                                                                                |                                                                                                                                                                                                               |                                                                                                                                |  |             | unit=mm |                                   | Black Powder Coating |                 |  |  |                             |  |                    |           |  |
| TECHNICAL STANDARD<br>IT11:<br>NO RUST<br>NO FLAW ON THE SURFACE                                               |                                                                                | RAL9004                                                                                                                                                                                                       |                                                                                                                                |  |             |         |                                   |                      |                 |  |  |                             |  |                    |           |  |
|                                                                                                                |                                                                                |                                                                                                                                                                                                               |                                                                                                                                |  |             |         |                                   |                      |                 |  |  |                             |  |                    |           |  |
| <div>INPUT</div> <div>190-250VAC 16A 50HZ<br/>IEC60309 16A 1P+N+E Plug<br/>3m H05VV-F3G1.5mm² Power Lead</div> | <div>BRANCH CIRCUITS</div>                                                     | <div>MOUNTING ACESORIES</div> <div>(2) Toolless Button<br/>(2) Toolless Mounting Bracket<br/>(2) Removable Mounting Brackets<br/>(2) Toolless Mounting Buttons with<br/>Removable 90° Rotation Brackets</div> |                                                                                                                                |  | FILLET      |         | R0.5                              |                      | <div>ZPAS</div> |  |  |                             |  |                    |           |  |
|                                                                                                                |                                                                                |                                                                                                                                                                                                               |                                                                                                                                |  | ANGLE       |         | ±0.5°                             |                      |                 |  |  |                             |  |                    |           |  |
|                                                                                                                |                                                                                |                                                                                                                                                                                                               |                                                                                                                                |  | FIRST ANGLE |         | <div><div></div><div></div></div> |                      |                 |  |  |                             |  |                    |           |  |
|                                                                                                                |                                                                                |                                                                                                                                                                                                               |                                                                                                                                |  |             |         |                                   |                      |                 |  |  |                             |  |                    |           |  |
|                                                                                                                |                                                                                |                                                                                                                                                                                                               |                                                                                                                                |  |             |         |                                   | DATE 12-07-2022      |                 |  |  |                             |  |                    |           |  |

- 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  | ✓  | ✓  |

1 2 3 4 5 6 7 8

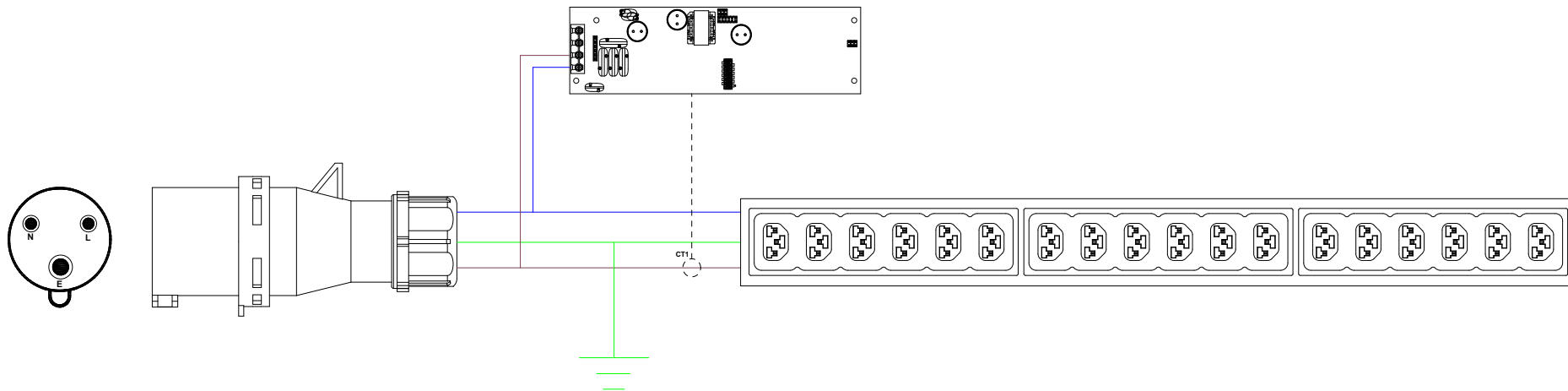
A

A

B

B

### Meter Board



|                                                                                                                                                 |       |                                                                                                  |                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------------|----------------------|
| DRAWING TYPE<br><div></div><br>(NO PERMISSION.NO CHANGING) |       | WZ-LZ-PIM11618IEX                                                                                |                      |
| unit=mm                                                                                                                                         |       | Housing                                                                                          | Aluminium            |
| TECHNICAL STANDARD<br>IT11;<br>NO RUST<br>NO FLAW ON THE SURFACE                                                                                |       |                                                                                                  | Black Powder Coating |
|                                                                                                                                                 |       |                                                                                                  | RAL9004              |
|                                                                                                                                                 |       |                                                                                                  |                      |
| FILLET                                                                                                                                          | R0.5  | <div></div> |                      |
| ANGLE                                                                                                                                           | ±0.5° |                                                                                                  |                      |
| FIRST ANGLE<br><div></div>                                 |       |                                                                                                  |                      |
|                                                                                                                                                 |       | DATE 12-07-2022                                                                                  |                      |

E

F

1 2 3 4 5 6 7 8