

## Specification

### Part Number PZID-130-2004

#### Input

|                    |                                      |
|--------------------|--------------------------------------|
| Nominal Voltage    | 230V                                 |
| Frequency          | 50Hz                                 |
| Phase              | Single phase                         |
| Plug type          | IEC60309 (32A 230VAC 2P+E) / Legrand |
| Power Cord Spec    | 3 x 6.0mm <sup>2</sup> x 3 meters    |
| Max load current   | 32A                                  |
| Rated load current | 32A                                  |
| Wiring Style       | L-N wiring                           |
| Power Capacity     | 7.36kW                               |

#### Output

|                    |                                   |
|--------------------|-----------------------------------|
| Nominal Voltage    | 230V                              |
| Max output current | 32A                               |
| Output Connections | 20 x IEC 320 C13; 4 x IEC 320 C19 |
| Outlet Locking     | YES                               |

#### Protections

|                             |                                               |
|-----------------------------|-----------------------------------------------|
| Circuit Overload Protection | 2x16A hydraulic circuit breakers; single pole |
| Surge Suppression           | None                                          |

#### Metering & switching

|                              |                                                                                                                          |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Input/phase/circuit Metering | Yes                                                                                                                      |
| Outlet Metering              | Yes                                                                                                                      |
| Breaker Status Monitoring    | Yes                                                                                                                      |
| Metering Accuracy            | +/- 1%                                                                                                                   |
| Outlet Switching             | Yes                                                                                                                      |
| Environmental Monitoring     | Temperature, Humidity, Door contact, Water leakage, Smoke status with additional sensors and accessories                 |
| Monitoring Parameters        | Voltage (V), Current (A), Active Power (kW), Apparent Power (kVA), Energy (kWh), Power Factor, Breaker status, Frequency |

#### Communication

|                |                                                                                                               |
|----------------|---------------------------------------------------------------------------------------------------------------|
| Access         | SNMP (V1,V2c,V3), Http/Https, Telnet/SSH, Modbus-TCP/RTU,JSON-RPC,XML-RPC, MQTT, AMQP, Data push, RESTful API |
| Authentication | Radius                                                                                                        |
| Alerts         | Voltage, current, temperature, humidity , door status ,water leaking ,smoke                                   |
| Service        | TFTP, SMTPS, NTP, SYSLOG, ODBC, JavaScript                                                                    |
| Daisy-chain    | 1 master 9 slaves                                                                                             |

#### Physical

|                            |                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Controller Structure       | Hot-swappable                                                                                                            |
| Output Socket Structure    | Replaceable in modules                                                                                                   |
| Controller Interfaces      | 1000 Mbps port x 1, RS485 port x 2, Sensor expansion port x 1, T/H sensor port x 2, Door sensor port x 1, USB-A port x 1 |
| Product Dimensions (HxWxD) | 1829 x 56 x 56 mm                                                                                                        |
| Box Dimensions (HxWxD)     | TBD                                                                                                                      |

|                   |                      |
|-------------------|----------------------|
| Product Weight    | 10kg                 |
| Box Weight        | 12kg                 |
| Mounting Style    | Rear button mounting |
| Mounting Distance | 1244mm               |

#### Environmental

|                             |               |
|-----------------------------|---------------|
| Operating Temperature       | -10~60℃       |
| Operating Relative Humidity | 5%~95%        |
| Operating Elevation         | 0~3000 meters |

#### Compliance

|                            |                           |
|----------------------------|---------------------------|
| EMC Verification           | EN55022, EN61000, EN55035 |
| Safety Verification        | EN 62368                  |
| Environmental Verification | RoHS 2.0                  |

## Drawing

