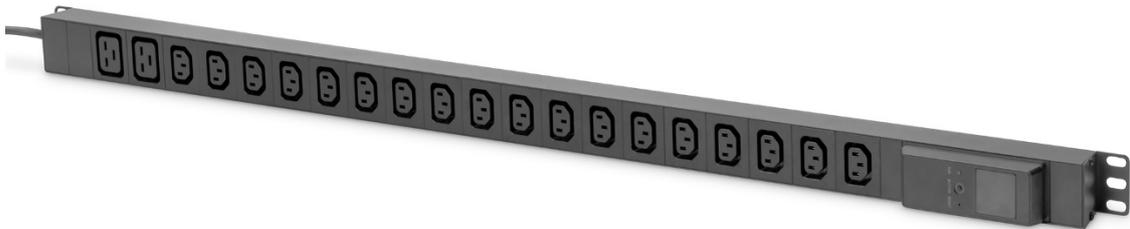




Metering Module of Basic local monitored PDU



Manual

DN-95622

Safety and Grounding:

Read the following information before installing or operating your DIGITUS Power Distribution Unit:

- This PDU is intended for indoor use only.
- This PDU must not be must not be operated one behind the other!
- Operation only in dry and closed rooms.
- This PDU may not be operated covered. Always ensure free accessibility.
- The maximum power stated on the rating plate must not be exceeded.
- Plug this PDU into a three-wire, grounded power outlet only.
The power outlet must be connected to appropriate branch circuit/ mains protection (fuse or circuit breaker). Connection to any other type of power outlet may result in a shock hazard.
- Use only the supplied brackets of mounting.
- Check that the power cord, plug, and socket are in good condition.
- Voltage free only when the power plug is unplugged.
- Disconnect the PUD from the power outlet before you install or connect equipment to reduce the risk of electric shock when you cannot verify grounding. Reconnect the PDU to the power outlet only after you make all connections.
- Operation under unfavorable environmental conditions must be avoided. (Humidity over 80% relative, wet, ambient temperatures above 50 ° C, solvents, flammable gases, dust, vapors).
- If external damage to this PDU is detected, do not operate this PDU. Take this PDU immediately out of service if external damage is detected.
- Do not pour liquids over the power strip. There is a high risk of fire or life-threatening electric shock.
- When opening the power strip, live parts can be exposed.
There is a risk of electric shock. The power strip may only be opened by a specialist. When opening the power strip, live parts can be exposed.
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I、 Overview

Basic Metered PDU is a data center power distribution device with local monitoring function. It can accurately monitor voltage, current, power and electrical energy with an accuracy of $\pm 1\%$, providing customers with safe and stable power distribution services.

II、 Hardware Introduction

1. Product sketch

Basic Metered PDU is equipped with a hot-swappable monitoring module, which can be replaced without power interruption of the devices when necessary.

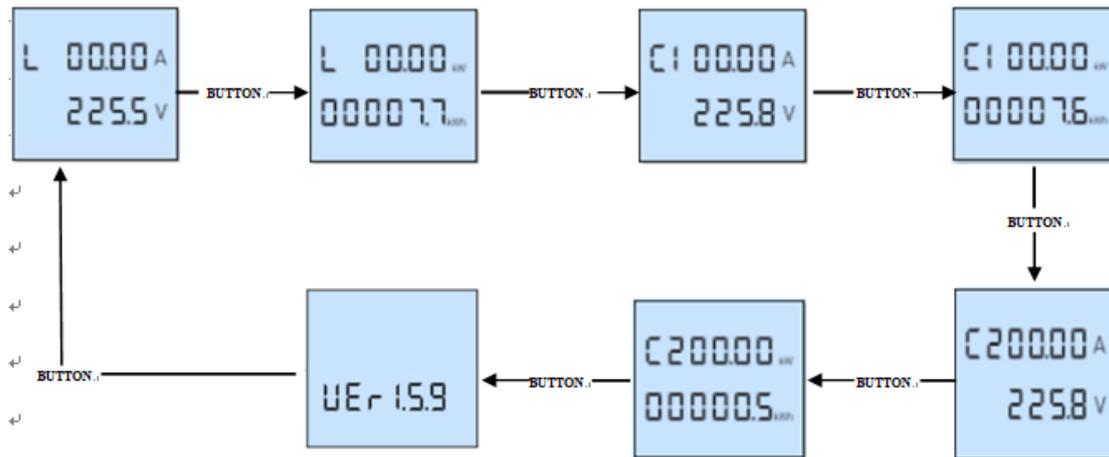


1. Screen: LCD screen
2. RUN: Run indicator
(flashes at intervals of 1 second during normal operation)
3. BUTTON: Button key
(switch display content)
4. RESET: Restart the module

2. Interactive display

2.1 Single phase two way monitoring module (AC)

Press the "BUTTON" key to turn the pages, the first to sixth screens will display the current (00.00A), voltage (225.5V), active power (00.00kW), and electrical energy (00007.7kWh) of L, C1 circuit and C2 circuit in sequence, and the seventh screen displays version number (VER1.5.9), as shown below.



III、 Technical Specification

| | | | | |
|-------------------------------------|-------------------------------------|---|---|--|
| Input | Single phase | Rated voltage | 100-240VAC 50~60Hz | |
| | | Maximum total load current | 16A/ 32A | |
| | Three-phase | Rated voltage | 200-400VAC 50~60Hz | |
| | | Maximum total load current | 3×16A, 3×32A | |
| | Direct current | Rated voltage | 240VDC/ 336VDC | |
| | | Maximum total load current | 40A/ 60A | |
| | Overload protection | | Circuit breaker (optional) | |
| | Input current detection and display | | Detection accuracy: ±1%; Display accuracy: 0.01A Display mode: liquid crystal display; Display direction: vertical/horizontal; | |
| Input voltage detection and display | | Detection accuracy: ±1%; Display accuracy: 0.1V Display mode: liquid crystal display; Display direction: vertical/horizontal; | | |
| Output | Single phase | Rated voltage | 100-240VAC 50~60Hz | |
| | | Maximum total load current | 16A/ 32A | |
| | Three-phase | Rated voltage | 100-240VAC 50~60Hz | |
| | | Maximum total load current | 3×16A, 3×32A | |

| | | | |
|------------------------------------|------------------------------|----------------------------|--|
| | Direct current | Rated voltage | 240VDC/ 336VDC |
| | | Maximum total load current | 40A/ 60A |
| | Output socket system | | See "Socket Standard and Output Unit Configuration Table" for details. |
| | Output unit specification | | Accept customized production |
| Monitoring function (Local) | | | Voltage (V), Current (A), Active Power(kW), Energy (kWh) |
| Alarm | Alarm condition | | When total load current/voltage current exceed the rated value |
| | Alarm method | | Buzzer alarm |
| Physical characteristics | Product dimensions | | Depends on the actual model |
| | Properties of shell material | | ABS & PC |
| | Case color | | Black |
| | Mounting Style | | Side brackets mounting/ Rear button mounting |
| Environment | Working temperature | | 0°C~45°C |
| | Relative humidity | | 30~90% |
| | Storage temperature | | -20°C ~ +70°C |

This is a Class A product. In home environment, this product may cause radio interference.

In this case, the user may be required to take appropriate measures.

Hereby Assmann Electronic GmbH, declares that the Declaration of Conformity is part of the shipping content. If the Declaration of Conformity is missing, you can request it by post under the below mentioned manufacturer address.

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