

**DE7002**

# **Single Phase PDU**

**25 A**

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# 1. Description

DE7002 Single Phase Power Distribution Unit 25 A is in a 1U form factor and offers 10 outputs. Switches are accompanied by led lights that indicate their status. The PDU is fed by a single-phase input, equipped with overcurrent protection, and has the ability to disconnect the input from the grid using an emergency stop button.

## 1.1. Key Features

- Suitable for limited space
- 1U rack-mount case
- Features Overcurrent Protection (OCP)
- Aluminum housing
- Contains PDU on/off switch
- LED lights connected to the switches
- Emergency stop



Figure 1: Front View of DE7002 Single Phase PDU 25 A



Figure 2: Back View of DE7002 Single Phase PDU 25 A

## 2. Hardware Overview

### 2.1. Functional Block Diagram

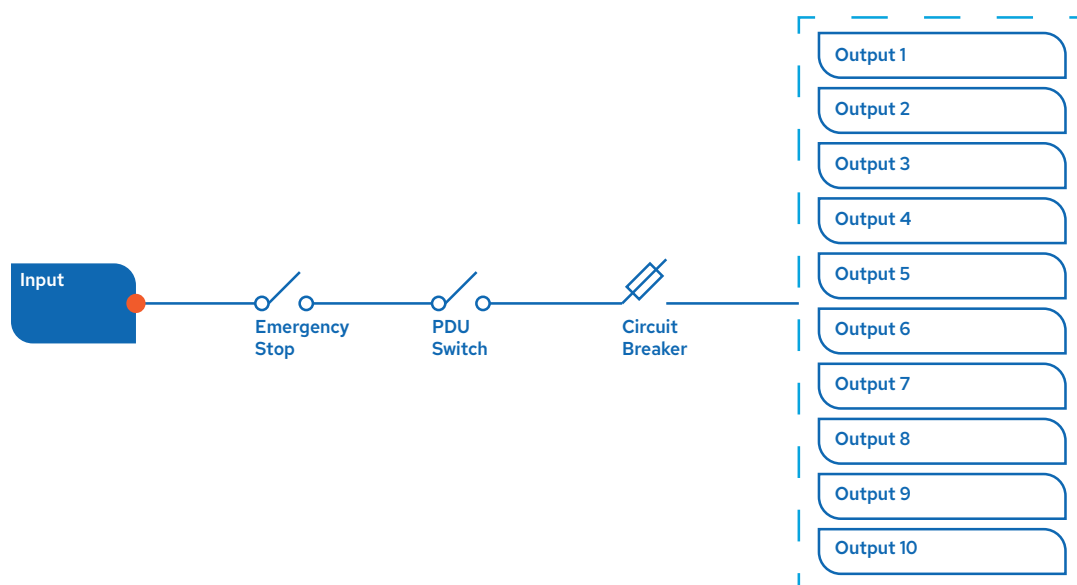


Figure 3: Block Diagram of DE7002 Single Phase PDU 25 A

## 2.2. Hardware Specifications

### 2.2.1. Electrical Specifications

Table 1: Electrical Specifications

| Specification                  | Value         |
|--------------------------------|---------------|
| Rated Voltage                  | 230 V         |
| Max. Input Current             | 25 A          |
| Input Frequency                | 50/60 Hz      |
| Input Type                     | IEC 60497-7-1 |
| Input Power                    | 5750 VA       |
| Number of Inputs               | 1             |
| Output Type                    | IEC 60320-C13 |
| Max. Output Current per Outlet | 10 A          |
| Max. Total Output Current      | 25 A          |
| Total Number of Outputs        | 10            |
| Overcurrent Protection         | Available     |

### 2.2.2. Physical Specifications

Table 2: Physical Specifications

| Specification        | Value                 |
|----------------------|-----------------------|
| Dimensions           | 482.6 x 43.5 x 206 mm |
| Weight               | 2100 g                |
| Length of Input Card | 2 m*                  |
| Color                | RAL9005*              |

\*Marked features are subject to change upon demand.

## 3. Safety Guidelines



**Caution**

The DE7002 shall not be operated in any manner not specified in this document. Misuse of the product may result in a hazard. Safety protection features may be compromised if the product is damaged. In the event of damage, the product shall be returned for repair.