

**DE7001**

# Single Phase PDU

16 A

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# 1. Description

DE7001 Single Phase Power Distribution Unit 16 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 DE7001 Single Phase PDU 16 A



Figure 2: Back View of DE7001 Single Phase PDU 16 A

# 2. Hardware Overview

## 2.1. Functional Block Diagram

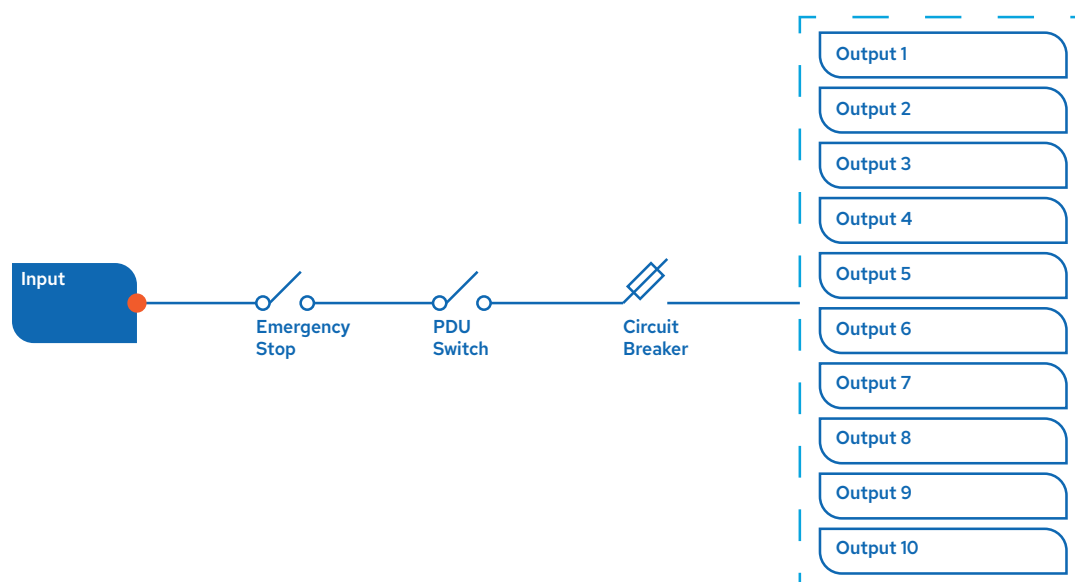


Figure 3: Block Diagram of DE7001 Single Phase PDU 16 A

## 2.2. Hardware Specifications

### 2.2.1. Electrical Specifications

Table 1: Electrical Specifications

Specification	Value
Rated Voltage	230 V
Max. Input Current	16 A
Input Frequency	50/60 Hz
Input Type	IEC 60320-C20
Input Power	3680 VA
Number of Inputs	1
Output Type	IEC 60320-C13
Max. Output Current per Outlet	10 A
Max. Total Output Current	16 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 DE7001 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.