

# Power and Signal Distribution Unit (PSDU)



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It distributes the power it receives from 28 VDC source directly to its outputs by reducing it to 16 VDC voltage. One of the outputs is fed directly at 28 VDC and the other two with isolated 16 VDC.

## Input Features

|                             |        |
|-----------------------------|--------|
| ● Input Voltage             | 28 VDC |
| ● No-load Power Consumption | <1,0 A |

## Output Features

|                                 |      |
|---------------------------------|------|
| ● Number of DC Outputs Switched | 3    |
| ● DC Input Installed Power      | 10 A |

## Mechanical Properties

|          |          |
|----------|----------|
| ● Width  | 91±1 mm  |
| ● Height | 250±1 mm |
| ● Depth  | 55±1 mm  |
| ● Weight | 5±0,1 kg |

## Electromagnetic Compatibility

|                |                                                                            |
|----------------|----------------------------------------------------------------------------|
| ● MIL-STD-461E | CE101, CE102<br>CS101, CS114, CS115, CS116<br>RE101, RE102<br>RS101, RS103 |
|----------------|----------------------------------------------------------------------------|

## Environmental Characteristics

|                         |                                                   |
|-------------------------|---------------------------------------------------|
| ● Operating Temperature | MIL-STD-810F<br>-40°C ~ +71°C                     |
| ● Storage Temperature   | MIL-STD-810F<br>-55°C ~ +85°C                     |
| ● Mechanical Shock      | MIL-STD-810F, 40 g 11 ms                          |
| ● Vibration             | MIL-STD-810F, Method 514.5, Category 21           |
| ● Humidity              | MIL-STD-810F, %95 humidity (Without condensation) |
| ● Rain                  | MIL-STD-810F, Method 506.4, Procedure I/III       |
| ● Sand and Dust         | MIL-STD-810F, Method 510.4, Procedure I           |
| ● Temperature Shock     | MIL-STD-810F, Method 503.4                        |