

# PDU Emi 16A

## Power Distribution Unit with EMI filters

In today's testing environment there are many equipment around that can cause electromagnetic disturbances. These disturbances can affect also the test results. PDU EMI 16A minimizes these disturbances and guarantees reliable testing.

**PDU EMI 16A— Electricity without interferences**



### What is it

PDU EMI 16A is a power distribution unit that provides interference free electricity for 19" rack unit modules. It distributes AC voltage to three separated output groups and has total 12 output connectors. Each output group includes EMI filters to minimize the electromagnetic interferences between the output groups.

PDU EMI 16A can be integrated into 19" rack units and it is designed to be used especially in testing of electronic devices.

### Where's the Benefit

The earth leakage protection increases user safety against dangerous voltages. EMI filters and delayed start-up ensures less interference problems to neighbour installations.

PDU EMI 16A distributes AC voltage to three separate output groups.

PDU EMI 16A provides delayed start-up of output groups to minimize the start-up current. This prevents the unwanted fuse blowings.

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#### More information:

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## Technical Data

### Technical Details

- Dimensions (l x d x h) 240x483x89 mm (2U)
- Weight 5.5kg
- Operating temperature -25...+40 oC (-13...+104oF)
- Input voltage 90 - 240VAC
- Input current Max. 16A
- Input connector IEC 320 C20
- Input protection Automati fuse 16A, C-curve
- Earth leakage protection 30mA
- EMI attenuation input to output 30 dB @ 1 MHz
- EMI attenuation output to output 35 dB @ 1 MHz
- Outputs 12 x 230VAC
- Output connectors 12 x IEC 320 C13
- Group2 & Group3 starting delay 400 ms

### Use Cases

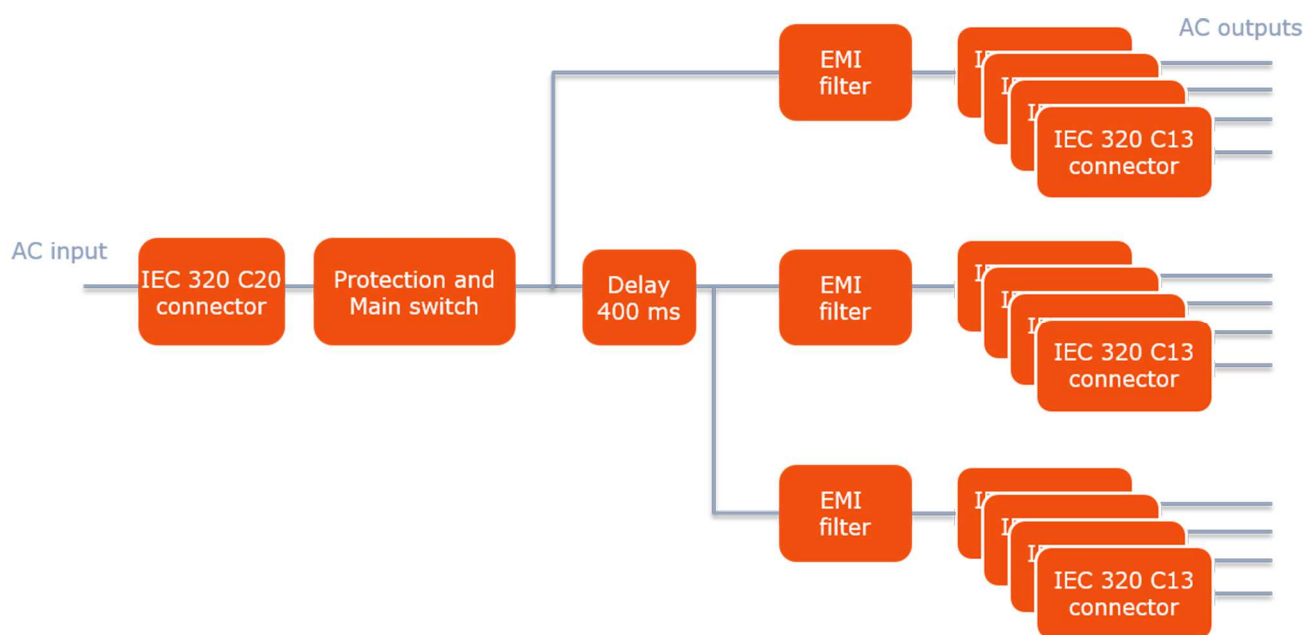
- To power
  - Production testers
  - Sensitive measuring devices
  - 19" rack assemblies

### Standards

- EN 61439-1
- EMC Directive 2004/108/EY



## Block Diagram



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