

# 12 Output Auto Changeover PDU

ACO-MDU-12

## Description

The ACO-MDU-1 is a twelve output power distribution unit with dual auto changeover inputs. It provides instantaneous switching to the backup power supply on detection of primary supply failure. A front panel switch allows manual selection of the supply, which is useful during maintenance periods when a supply outage is scheduled. Front panel LEDs show status of mains supplies and which supply is selected.

## Features:

|                          |  |
|--------------------------|--|
| <b>Inputs</b>            | Two 20A Neutrik Powercon Connectors (Mating Connector NAC3FCA).  |
| <b>Input Fuse</b>        | 2 front panel 16A HRC 6.3x32mm fuses.  |
| <b>Outputs</b>           | Twelve 6A individual fused IEC outputs.  |
| <b>Output Status LED</b> | Front panel LEDs show the status of each output.   |
| <b>Manual Control</b>    | Front panel latching switch, with protective finger guard, to manually change the selected supply.   |
| <b>Remote Control</b>    | Switched 0v input with the same function as the front panel switch.  |
| <b>Present LED</b>       | Two front panel LEDs to indicated the status of both supplies.   |
| <b>Selected LED</b>      | Two front panel LEDs to show the currently selected supply.  |
| <b>Changeover Time</b>   | Manual changeover 6ms, Auto changeover 32ms@10A (typically 22ms).  |
| <b>Status Outputs</b>    | Five switched 0v outputs to mimic the front panel Present and Selected LEDs and fuse failure.  |
| <b>Specifications</b>    | Primary power path: Active relay contacts<br>Maximum continuous capacity: 3.6kVA<br>Relay switching capacity: max disconnect 6kVA<br>Relay maximum make current: 60A, for 20ms<br>Dimensions: 1U x 250mm deep<br>Weight: 5kg |
| <b>Options</b>           | Rear cable tiebar.<br>Front or rear panel input connectors.  |

## Key Features

2 x 20A Powercon Inputs.

16A Input Fuses

12 Individually fused IEC Outputs (6A)

Auto and manual changeover

Remote control

Status logic outputs

1U x 250mm Deep



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