

# Dual Input Auto Changeover Unit

ACO-1

## Description

The ACO1 is a dual input automatic changeover unit, providing 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>Outputs</b>	Two 20A Neutrik Powercon Connectors (Mating Connector NAC3FCB), both fed from the selected mains supply.												
<b>Input Fuse</b>	2 front panel 16A HRC 6.3x32mm fuses.												
<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>	Four switched 0v outputs to mimic the front panel Present and Selected LEDs.												
<b>Specifications</b>	<table><tr><td>Primary power path:</td><td>Active relay contacts</td></tr><tr><td>Maximum continuous capacity:</td><td>3.6kVA</td></tr><tr><td>Relay switching capacity:</td><td>max disconnect 6kVA</td></tr><tr><td>Relay maximum make current:</td><td>60A, for 20ms</td></tr><tr><td>Dimensions:</td><td>1U x 250mm deep</td></tr><tr><td>Weight:</td><td>5kg</td></tr></table>	Primary power path:	Active relay contacts	Maximum continuous capacity:	3.6kVA	Relay switching capacity:	max disconnect 6kVA	Relay maximum make current:	60A, for 20ms	Dimensions:	1U x 250mm deep	Weight:	5kg
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## Key Features

2 x 20A Powercon Inputs.

2 x 20A Powercon Outputs

Auto and manual changeover

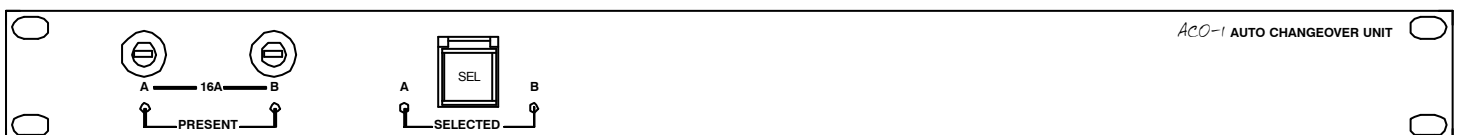
Remote control

Status logic outputs

1U x 250mm Deep



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