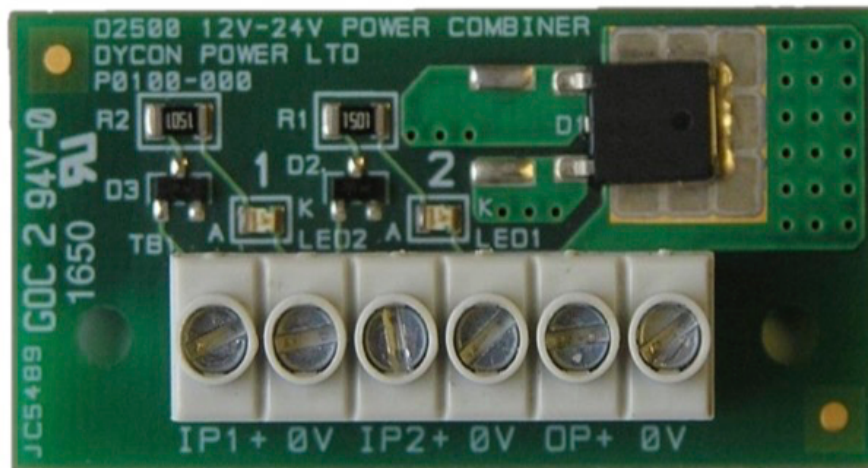


D2500

5/12/24VDC Dual PSU Redundancy Switcher Module



Not to scale

- Visual LED indicators
- Combine 2 inputs into a single output
- Automatic switch-over to 2nd power supply
- 5, 12 or 24VDC PSU's

Dycon's D2500 Dual PSU redundancy switcher module is a unique, practical solution to the problem of maintaining the 5, 12 or 24VDC supply to secure infrastructure systems, when the unforeseen failure of single power supply unit would seriously damage the operation of that system.

This module, simply fitted between standard 5VDC, 12VDC or 24VDC Dycon switched-mode power supply units, combines the two inputs into a single output and, in the case of failure of one unit, the second unit, automatically and seamlessly, takes over.

The D2500 works with any power supply unit, 5VDC, 12VDC or 24VDC, with a maximum output current of 5 Ampere per unit, and also features two LED's that provide visual feedback on the state of each input.

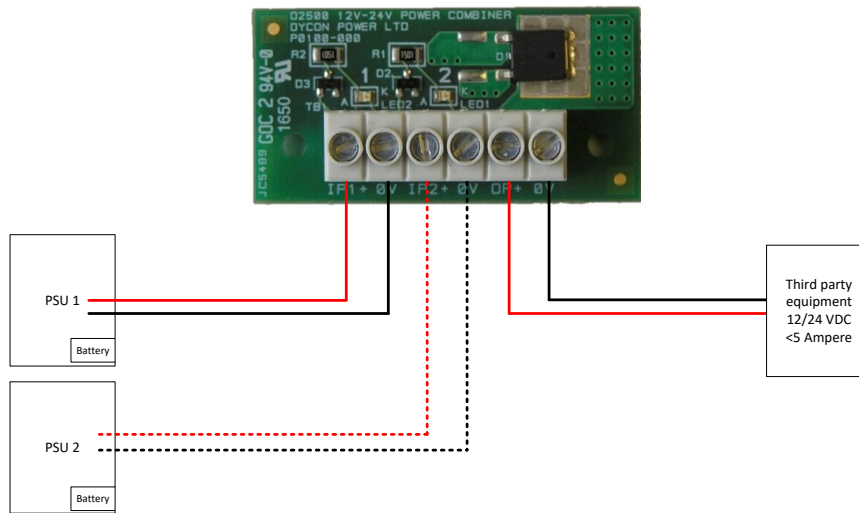


DYCON
power solutions

5/12/24VDC Dual PSU Redundancy Switcher Module

Dual redundancy switcher module that provides 5VDC – 24VDC power continuity for critical infrastructure systems in the event of a single power supply unit failure

Schematic



Input Connections	2 x 2 screw terminals for connection to the outputs of 2 x Dycon 12VDC -24VDC switched mode power supply units
Voltage Input range from 2 x PSU outputs	2 x 5-27.6 VDC
Maximum Input current	2 x 5 Ampere
Output Connection	2 x screw terminals
Max. Output Current at Full Load	5 Ampere
LED Indicators	2 x Green LED's to indicate power present from Input 1 and 2
Operating temperature	-10°C to +50°C
Humidity	95% non-condensing
PCB Size	50 x 25mm. 20 mm high excluding stand-off/isolation
Weight	15 g

Product Description	Part No.
5-24VDC Dual Power Supply Redundancy Switcher Module	D2500

Dycon Power Solutions Ltd
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email: sales@dyconpower.com

Or to discuss your specific needs:
+44 (0)1443 471 900



Dycon leads the security and associated power supply markets, with UK design and manufacture of advanced power products; engineered to provide high quality, cost-effective solutions to meet current regulations and the specific needs of system integrators and end-users.

Designed and manufactured in the UK

D2500 data sheet 21042021 V7