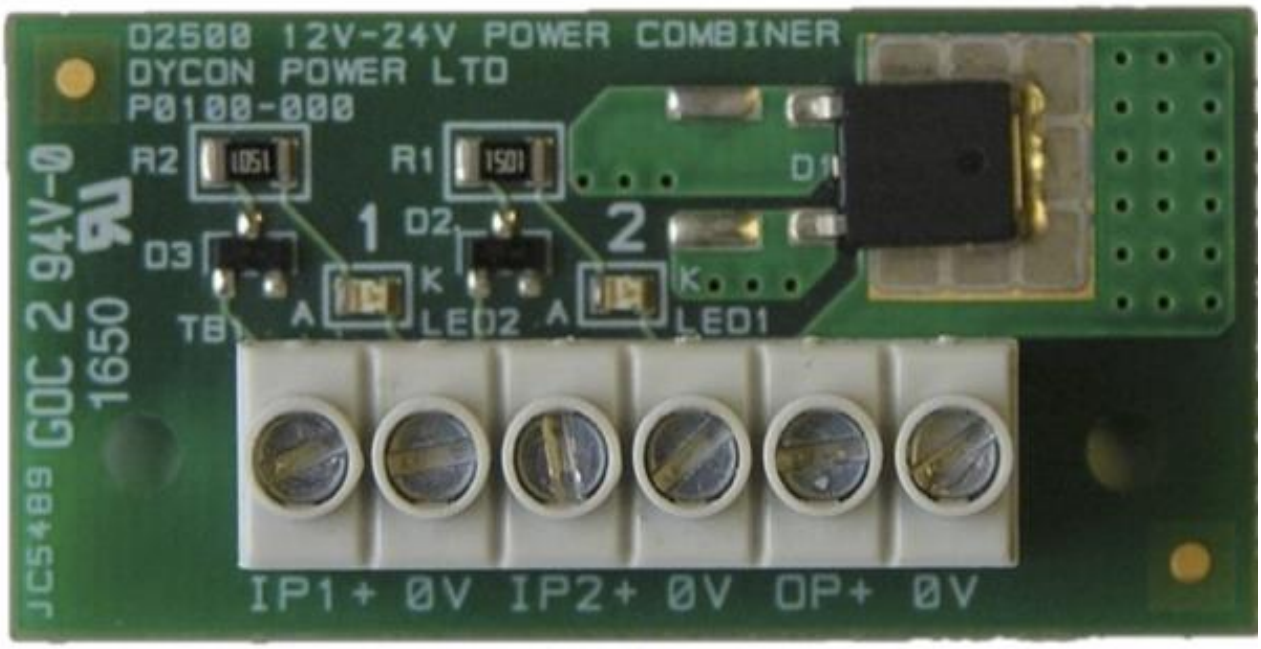
D2500

12-24Vdc Dual PSU Redundancy Module



Dycon D2500 Dual PSU redundancy module is a unique, practical solution to the problem of maintaining the 12 - 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 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 Dycon switched-mode power supply unit, 12Vdc or 24Vdc, with a maximum output current of 5A per unit, and also features two LEDs that provide visual feedback on the state of each input.

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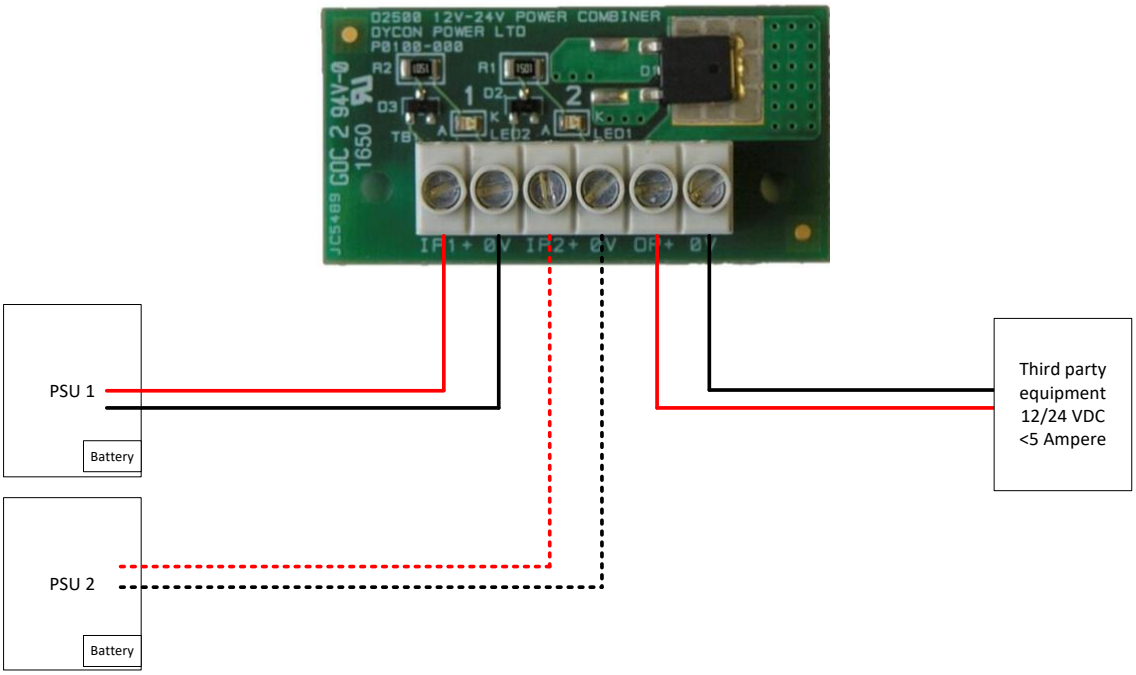
12-24Vdc Dual PSU Redundancy Module

Dual Redundancy module that provides 12Vdc – 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 12Vd -24Vdc switched mode power supply units**
Voltage Input from 2 x PSU outputs	**2 x 12-27.6 Vdc**
Maximum Input current	**2 x 5A**
Output Connection	**2 x screw terminals**
Max. Output Current at Full Load	**5A**
LED Indicators	**2 x Green LEDs to indicate power present from Input 1 or Input 2**
Operating temperature	**-10°C to +50°C**
Humidity	**95% non-condensing**
PCB Size	**50 x 25mm**

Product Description	Part No.
12-24Vdc Dual Power Supply Redundancy Module	**D2500**

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For more information about the Dycon range of power products:
www.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