

D1438DR

**Intelligent, 12Vdc 8 Amp Switched-Mode Power Supply
with Space for 4 x Lenel™ or Mercury™ System Controllers**



The Dycon D1438DR 2U PSU is a high end, fully-monitored, switched-mode power supply with processor controlled reset. The unit is suitable for use in a 19" computer rack and is supplied as standard with brackets and full-extension sliders. The unit includes an integrated hinged tray providing space for third-party control units e.g. Lenel™ or Mercury™. The switched-mode PSU provides 2 x 4 monitored 12 volt outputs of 1 Ampere each - providing a total of 8 x 1 Ampere outputs. Each output is electronically fused and controlled by a processor for automatic self-reset. Additionally, each bank of 4 outputs also have an electronic fuse for additional protection. The automatic self-reset prevents you having to manually replace fuses. Resets are performed per bank of 4. Two relay outputs are provided to allow central monitoring through the Lenel™/Mercury™ system, one for reset in progress and one for permanent fault. The unit has two switch-mode power supplies with electronic fuses and current protection. Each unit is rated at 5 Ampere 12volt dc allowing a theoretical output of 10 Ampere. Outputs are available for a total of 8 Ampere, minimising heat and allowing for start-up peaks of magnetic locks.



DYCON
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2U 19" Rack-Mount, 12Vdc 8A Power Solution

Ideal for powering Lenel™ or Mercury™ access system controllers

Features:

- 2 x 12Vdc 4 x 1A switched-mode Power supplies, 8 x 1A outputs in total
- 2 x relay outputs
- 2 x cooling fans direct to access modules
- External Ethernet RJ45 connector
- Space for 4 x Lenel™ or Mercury™ controllers
- Metal housing with Integral hinged tray
- Full extension, front disconnect sliders
- Anti-tamper switch on lid

Specifications:

Ordering Part No.	D1438DR
Power Supply	Type A, Ungraded, Environmental Class 2
Voltage Input	230Vac +10% -15%; 50Hz ± 15%
Output Voltage with AC Power	12Vdc ± 10%
Output Ripple	< 60mV peak-to-peak at full rated output
Maximum Output Current at Full Load	Each PSU module – 5 Amp
Minimum Standby Output Voltage	9.6Vdc
Maximum Over-Voltage Cut-Out	14.4Vdc ±3%
Automatic Reset Time *	10ms to 18s
Operating Temperature Range	-10°C to +40°C
Humidity	95% non-condensing
Size (h x w x d)	Main Body - 440 x 82 x 405mm Front Plate - 482 x 88mm
Weight	9.5kg
Connector	IEC socket to a 13A fused plug* with a 2m lead.

Note: * Non-UK plug alternatives are available

Dycon Power Solutions Ltd

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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