

D1438-DR 2U



Intelligent, 12VDC 8 Amp Switched-Mode Power Supply with Space for 4 x Lenel™ or Mercury™ or Vanderbilt™ Door/System Controllers



The Dycon D1438-DR 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 2U-size unit includes an integrated hinged tray providing space for third-party control units e.g. Lenel™ or Mercury™ or Vanderbilt™ system/door controllers.

The switched-mode PSU provides 2 x 4 monitored 12VDC outputs of 1 Ampere each - providing a total output total of 8 x 1 Ampere, which allows for start-up peaks of magnetic locks. 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™/Vanderbilt™ system, one for reset in progress and one for permanent fault. Even though the heat from the switched-mode power modules is minimal, two integral cooling fans are also provided and aimed directly at the control modules this helps to ensure that they always function at optimum levels.

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

Ideal for powering Lenel™ or Mercury™ or Vanderbilt™ access system/ door controllers

Features:

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

Specifications:

Ordering Part No.	D1438-DR 2U
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 U-standard 13A fused plug* with a 2m lead.

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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.

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