

D2473 and D2475

High Specification, 24Vdc 3Amp and 5Amp,
Switched-Mode, Power Supplies



A very reliable, high tolerance, full specification 24Vdc switched-mode power supply suitable for a wide range of CCTV systems, general high power security applications, LED lighting, Intercomm systems and low-voltage gate/door control applications. Ideal for applications that do not require battery back-up. Using Dycon's unique protective technology, these switched-mode power supplies units offer excellent spike and back-EMF tolerance, intelligent and capacitive load switching, surge protection and snubbing and include a jumper for simple selection of inverted or normal power switching input operation. This selectable normal/inverted remote ON/OFF input make them ideal for timed or manual control of devices such as LED and IR illuminators, as well as time-controlled doors and locks. The units feature a volt-free, relay output for remotely signalling the status and serviceability of the units, this output can be used to indicate problems either locally or remotely via a suitable signalling device.



DYCON
power solutions

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3Amp and 5Amp Switched-Mode Power Solutions

24Vdc Switched-Mode, Controlled Output, Power Solutions

Power Supply Classification	Type A, Ungraded, Environmental Class 2
Voltage Input	195Vac - 265Vac @ 50-60Hz
AC Input Fuse	D2473 – 2A; D1575 – 3.15A
Output Voltage	Maximum 24.6Vdc; minimum 23.0Vdc.
Output Ripple	< 0.6V peak-to-peak @full rated output
Max. Output Current at Full Load	D2473 - 3A; D2475 - 5A
Maximum Power input at full load	D2473 – 88W; D2475 – 146W
Fault Relay rating	60V @ 100mA, 14ohms closed,
Operating temperature range	-10°C to +50°C
Humidity	95% non-condensing
PCB Size (H x W x D mm)	130 x 100 x 38mm
PCB Weights (kg)	0.19kg
Complete unit weights	A box units – 2.0 kg; B box units – 3.2kg; C box units – 4.3kg

Product Description	PCB only	A box (mm) (235 x 170 x 85)	B box (mm) (260 x 320 x 90)	C box (mm) (345 x 430 x 90)
3 Amp - 24Vdc output	D24573-P	D2473-A	D2473-B	D2473-C
5 Amp - 12Vdc output	D2475-P	D2475-A	D2475-B	D2475-C
8-channel, fused, output splitter	D15X8	N/A	N/A	N/A

Dycon Power Solutions Ltd

Unit A, Cwm Cynon Business Park, Mountain Ash, CF45 4ER, United Kingdom.

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