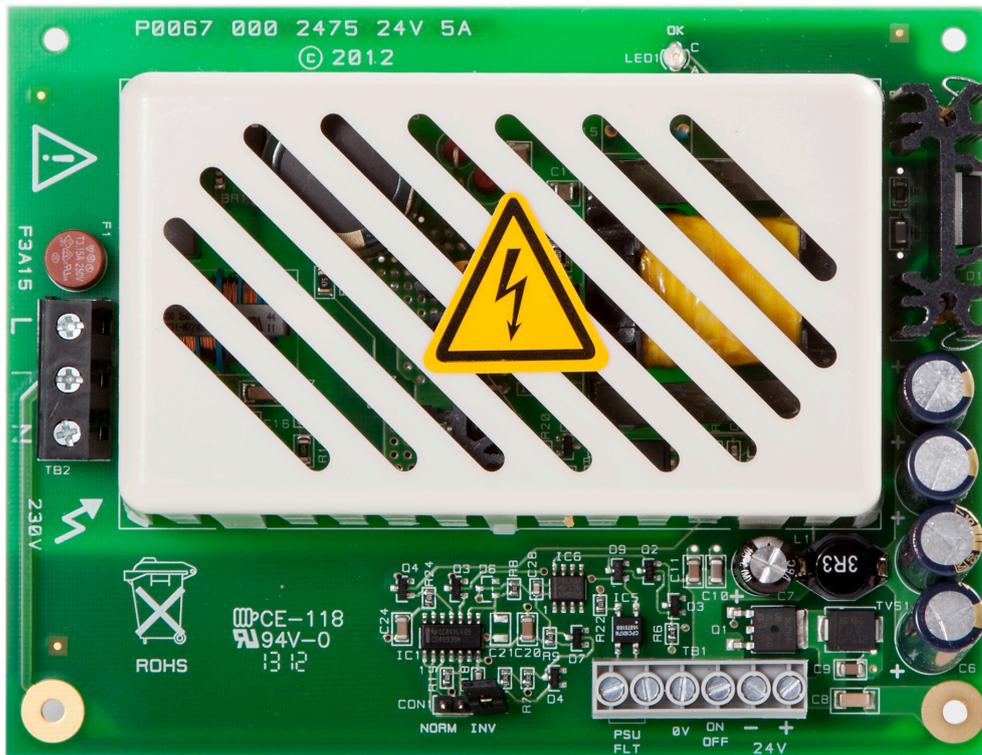


# D2473 and D2475

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

[www.dyconpower.com](http://www.dyconpower.com)

# 3Amp and 5Amp Switched-Mode Power Solutions

## 24Vdc Switched-Mode, Controlled Output, Power Solutions

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

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#### For more information about the Dycon range of power products:

[www.dyconpower.com](http://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