

D1573 and D1575

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



Illustration shows D1575 with an optional D15X8 8-channel output splitter

A very reliable, high tolerance, full specification 12Vdc switched-mode power supply suitable for a wide range 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. The D1573 is also available ready-mounted in a DIN-Rail mount cradle.



DYCON
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3Amp and 5Amp Switched-Mode Power Solutions

12Vdc Switched-Mode, Controlled Output, Power Solutions

Power Supply Classification	Type A, Ungraded, Environmental Class 2
Voltage Input	195Vac - 265Vac @ 50-60Hz
AC Current Input	D1573 – 350mA, D1575 – 700mA,
AC Input Fuse	D1573 – 1A, D1553 – 2A, D1575 – 2A
Output Voltage	Maximum 12.25Vdc, minimum 11.75Vdc.
Output Ripple	< 0.6V peak-to-peak @full rated output
Max. Output Current at Full Load	D1573 - 3A, D1575 - 5A
Maximum Power input at full load	D1573 – 47W; D1575 – 78W
Fault Relay rating	60V @ 100mA, 14ohms closed,
Low-voltage power output fault	10.3V ±5%
Operating temperature range	-10°C to +50°C
Humidity	95% non-condensing
PCB Size (H x W x D)	D1573 – 130 x 100 x 38mm; D1575 – 140 x 108 x 46mm
PCB Weights (kg)	D1573 – 0.152kg; D1575 – 0.236kg
Complete unit weights - D1573 versions	D1573-A – 2.152kg; D1573-B – 3.352kg; D1573-C – 4.452kg
Complete unit weights - D1575 versions	D1575-A – 2.152kg; D1575-B – 3.736kg; D1575-C – 4.736kg

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 - 12Vdc output	D1573-P	D1573-A	D1573-B	D1573-C
3A – 12Vdc in a DIN-Rail cradle	D1573-D	Not applicable	Not applicable	Not applicable
5 Amp - 12Vdc output	D1575-P	D1575-A	D1575-B	D1575-C
8-channel, fused, output splitter	D15X8	N/A	N/A	N/A

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For more information about the Dycon range of power products:

www.dyconpower.com

Or to discuss your specific needs:

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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.

Designed and manufactured in the UK