

## DA774

Access control power supply  
within a mild steel enclosure

Available with either 12V DC or 24 DC outputs, this unit is equipped with low voltage monitoring; mains failure clean contacts and battery low voltage disconnect. Each output can be selected to be permanently active or de-powered when the 'Fire Enable' monitoring is triggered.

Outputs		
	DA774-xxx-12VDC	DA774-xxx-24VDC
Voltage	12V DC (13.7V)	24V DC (27.4V)
Current	8A Maximum total load	4A Maximum total load
Outputs	8 x 1A 2 x 3A	8 x 500mA 2 x 1.5A
Connection type	PCB terminal block (2.5mm <sup>2</sup> )	PCB terminal block (2.5mm <sup>2</sup> )
Fused	Self-resetting fuses	Self-resetting fuses
Output status indication	Green LED indication	Green LED indication
Fire control		
Fire enable control	+12V DC Feed (+F) to Return terminals (+R) with 0V common for additional units	
Fire enabled output(s) configuration	Individual PCB Jumper per output to set powered or non-powered during fire condition	
Integrated UPS VRLA Battery		
VRLA Battery protection	20x5mm 10A Quick blow glass fuse and automatic deep discharge protection	
Connection type	PCB terminal block ( 2.5mm <sup>2</sup> )	
In-built back-EMF Spike protection	Yes	
VRLA Battery included	No	
VRLA Battery support	DA774-xxx-12VDC 1x 13.7V DC for 12V VRLA battery	DA774-xxx-24VDC 1x 27.4V DC for 24V or 2x 12V VRLA batteries
Mains fail signalling contacts		
Contact configuration	Single pole change over (Approximately 30 < 60 second delay)	
Voltage	Maximum 30V DC	
Current	Maximum 1A	
Connection type	PCB terminal block (2.5mm <sup>2</sup> )	
Battery low volts signalling contacts		
Contact configuration	Single pole change over (Battery at 10.5V change over)	
Voltage	Maximum 30V DC	
Current	Maximum 1A	
Connection type	PCB terminal block (2.5mm <sup>2</sup> )	
Input		
Voltage	110V - 240V AC @ 50Hz	
Power consumption	< 250VA (Approximate under full load)	
Connection type	10mm <sup>2</sup> internal terminal block (3 x 1.5mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup> )	
Fused	3A Mains fuse (BS1362)	
Mains on indication	Green LED indication	
Fire enable trigger	+5V < +30V DC	

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### Environmental

Operating temperature	-10°C to +40°C
Storage temperature	-20°C to +50°C
Operating relative humidity	Maximum 95% non-condensing

### Dimensions\*

	DA774-LGE-12VDC DA774-LGE-24VDC	DA774-DB-12VDC DA774-DB-24VDC	DA774-SM-12VDC DA774-SM-24VDC	DA774-XSM-12VDC DA774-XSM-24VDC
Width	495mm	600mm	495mm	405mm
Height	690mm	300mm	420mm	400mm
Depth	120mm	200mm	120mm	120mm
Weight	< 11.7Kg	< 10Kg	< 8.6Kg	< 7.5Kg
Enclosure material	Mild steel			
Finish	Powder coated RAL9016 (white)			

### Other

Estimated operations before failure (MTBF)	50,000 hours		
CE Approved	Yes		
Lid tamper switch	Yes		
Recommended battery size	DA774- <b>xxx</b> -12VDC (LGE/SM/XSM)	DA774- <b>xxx</b> -24VDC (LGE/SM/XSM)	DA774-DB- <b>xx</b>
	12V 17Ah VRLA	2 x 12V 7Ah VRLA	2x 12V 38Ah VRLA

**Note:** Only a maximum of 8A (12V DC) or 4A (24V DC) in total can be drawn from this unit in any combination of switched and non-switched outputs.

\*(+/- 2mm)