

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 (deep discharge protection). One output PCB is permanently active and provides eight individually fused connections. The second output PCB also has eight individually fused connections, but is user selectable by applying a low current 12V DC feed to the 'Fire Enable' terminal on the monitoring PCB.

At time of installation eight outputs, either continuous or switched, can be selected by the installer in any configuration (e.g. 4 switched, 4 continuous OR 7 switched, 1 continuous etc.).

Output - (Fire enable switched)		
	DA774- xxx (LGE / SM / XSM)	DA774- xxx -24 (LGE / SM / XSM)
Voltage	12V DC (13.7V)	24V DC (27.4V)
Current	8 x 1A	8 x 500mA
Connection type	PCB terminal block (2.5mm ²)	PCB terminal block (2.5mm ²)
Fused	20 x 5mm 1A quick blow glass fuse	20 x 5mm 500mA quick blow glass fuse
Output status indication	Green LED indication	Green LED indication
Output - (non-switched)		
	DA774- xxx (LGE / SM / XSM)	DA774- xxx -24 (LGE / SM / XSM)
Voltage	12V DC (13.7V)	24V DC (27.4V)
Current	8 x 1A	8 x 500mA
Connection type	PCB terminal block (2.5mm ²)	PCB terminal block (2.5mm ²)
Fused	20 x 5mm 1A quick blow glass fuse	20 x 5mm 500mA quick blow glass fuse
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 ²)	
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 ²)	
Input		
Voltage	230V AC @ 50Hz (+/- 10%)	
Power consumption	< 250VA (Approximate under full load)	
Connection type	10mm ² internal terminal block (3 x 1.5mm ² or 2 x 2.5mm ²)	
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 DA774-LGE-24	DA774-SM DA774-SM-24	DA774-XSM DA774-XSM-24
Width	495mm	495mm	405mm
Height	690mm	420mm	400mm
Depth	120mm	120mm	120mm
Weight	< 11.7Kg	< 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	<div>DA774-xxx (LGE / SM / XSM)</div> <div>DA774-xxx-24 (LGE / SM / XSM)</div> <div>12V 17Ah VRLA</div> <div>2 x 12V 7Ah VRLA</div>

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. It is recommended that during installation any outputs that are not used have the fuses removed.

*(+/- 2mm)