

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 (2.5mm²)			
Fused	20 x 5mm 1A 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 (2.5mm²)	PCB terminal block (2.5mm²)		
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 (Appl	Single pole change over (Approximately 30 < 60 second delay)		
Voltage	Maximum 30V DC	Maximum 30V DC		
Current	Maximum 1A	Maximum 1A		
Connection type	PCB terminal block (2.5mm²)	PCB terminal block (2.5mm²)		
Battery low volts signalling contacts				
Contact configuration	Single pole change over (Batte	Single pole change over (Battery at 10.5V change over)		
Voltage	Maximum 30V DC	Maximum 30V DC		
Current	Maximum 1A	Maximum 1A		
Connection type	PCB terminal block (2.5mm²)	PCB terminal block (2.5mm²)		
Input				
Voltage	230V AC @ 50Hz (+/- 10%)	230V AC @ 50Hz (+/- 10%)		
Power consumption	< 250VA (Approximate under	< 250VA (Approximate under full load)		
Connection type	10mm² internal terminal block	10mm² internal terminal block (3 x 1.5mm² or 2 x 2.5mm²)		
Fused	3A Mains fuse (BS1362)	3A Mains fuse (BS1362)		
Mains on indication	Green LED indication	Green LED indication		
Fire enable trigger	+5V < +30V DC	+5V < +30V DC		

The enclosed information is believed to be correct. Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E&OE. Registered Proprietor: Benham (General Engineers) Ltd (No. 1181752) Registered at 3 Galliford Road Industrial Estate, Heybridge, Maldon, Essex CM9 4XD, UK. Directors: R.A.Scott, K.E.Horwood, T.J.Scott, N.J.Scott. VAT Reg. GB 28276273 Tel:+44(0)1621 856 850 Fax:+44(0)1621 856 162 sales@dantech.uk.com



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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 4 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	DA774-xxx (LGE / SM / XS	M)	DA774-xxx-24 (LGE / SM / XSM)
	12V 17Ah VRL	.A	2 x 12V 7Ah 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. It is recommended that during installation any outputs that are not used have the fuses removed.

*(+/- 2mm)