Data sheet



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 depowered when the 'Fire Enable' monitoring is triggered.

Outputs						
	DA774- xxx -12VDC	DA774-xxx-24VDC				
Voltage	12V DC (13.7V)	12V DC (13.7V) 24V DC (27.4V)				
Current	8A Maximum total load	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 ²)	PCB terminal block (2.5mm ²)				
Fused	Self-resetting fuses	Self-resetting fuses Self-resetting fuses				
Output status indication	Green LED indication	Green LED indication Green LED indication				
Fire control						
Fire enable control	+12V DC Feed (+F) to Return termin units	+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 condition	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 protection	20x5mm 10A Quick blow glass fuse and automatic deep discharge protection				
Connection type	PCB terminal block (2.5mm²)	PCB terminal block (2.5mm ²)				
In-built back-EMF Spike protection	Yes	Yes				
VRLA Battery included	No	No				
VRLA Battery support	DA774- xxx -12VDC	DA774- xxx -24VDC				
	1x 13.7V DC for 12V VRLA battery	1x 27.4V DC for 24V or 2x 12V VRLA batteries				
Mains fail signalling contacts						
Contact configuration	Single pole change over (Approximat	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 (2.5mm ²)	PCB terminal block (2.5mm ²)				
Battery low volts signalling contacts						
Contact configuration	Single pole change over (Battery at 1	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 (2.5mm ²)	PCB terminal block (2.5mm ²)				
Input						
Voltage	110V - 240V AC @ 50Hz					
Power consumption	< 250VA (Approximate under full loa	< 250VA (Approximate under full load)				
Connection type	10mm ² internal terminal block (3 × 1	10mm ² internal terminal block (3 x 1.5mm ² or 2 x 2.5mm ²)				
Fused	3A Mains fuse (BS1362)	3A Mains fuse (BS1362)				
Mains on indication	Green LED indication	Green LED indication				
Fire enable trigger	+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, C.J.Dryburgh. 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-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- xxx -12' (LGE/SM/XS		74- xxx -24VDC GE/SM/XSM)	DA774-DB- xx	
	12V 17Ah VF	RLA 2 x 1	2V 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)