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	DA774 -xxx- 24			
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) PCB terminal block (2.5mm ²			
Fused	Self-resetting fusses	Self-resetting fusses			
Output status indication	Green LED indication	Green LED indication Green LED indication			
Fire control					
Fire enable control	+12V DC Feed (+F) to Return ter additional units	+12V DC Feed (+F) to Return terminals (+R) with 0V common for additional units			
Fire enabled output(s) configuration	Individual PCB Jumper per outpu during fire 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 fu discharge protection	20x5mm 10A Quick blow glass fuse and automatic deep discharge protection			
Connection type	PCB terminal block (2.5mm ²)	PCB terminal block (2.5mm ²)			
In-built back-EMF Spike protection	Yes	Yes			
VRLA Battery included	No				
VRLA Battery support	DA774- xxx	DA774- xxx -24			
	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 (Approxi	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	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	230V AC @ 50Hz (+/- 10%)				
Power consumption	< 250VA (Approximate under full	< 250VA (Approximate under full load)			
Connection type	10mm² internal terminal block (3	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	+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	-10°C to +40°C			
Storage temperature	-20°C to +50°C	-20°C to +50°C			
Operating relative humidity	Maximum 95% no	Maximum 95% non-condensing			
Dimensions**					
	DA774-LGE DA774-LGE-24	DA774-DB DA774-DB-24	DA774-SM DA774-SM-24	DA774-XSM DA774-XSM-24	
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 R	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/XSM)	DA774-xxx DA774-xxx-24 DA774 (LGE/SM/XSM) (LGE/SM/XSM)		DA774-DB- xx	
	12V 17Ah VRLA	2 x 12V 7A	h 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)

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