Data sheet pack

DA449-8OP

Included data sheets;

DA449 *(2 Pages)*
DA8WS *(1 Page)*

Data sheet

DA8WS

8-Way Self adhesive PCB power splitter

A power supply splitter that has self-adhesive pillars for mounting inside a power supply or distribution unit. When connected to a power source rated no less than 8A (such as the DA449) it can provide up to eight independently fused 1A outputs.

Output	
Voltage	Maximum 24V
Current	Maximum 1A
Connection type	2.5mm PCB terminal block
Fused	20 x 5mm 1A Quick blow glass fuse
Input	
Voltage	Maximum 24V DC
Connection type	Fly lead 350mm (Red + / Black -)
Environmental	
Operating temperature	-10°C to +40°C
Storage temperature	-20°C to +50°C
Operating relative humidity	Maximum 95% non-condensing
Dimensions*	
Width	117mm
Height	48mm
Depth	20mm
Weight	0.075Kg
Other	
Estimated mean time before failure (MTBF)	50,000 hours
CE Approved	Yes

(+/- 2mm)

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

Data sheet

DANTECH ELECTRONIC ENGINEERING

DA449

12V DC 8A *or* 24V DC 4A Power supply
Within a mild steel enclosure

A power supply with either 1 x 8A 12V DC (13.7V) or 1 x 4A 24V DC (27.4V) output. The output voltage is changed by means of a simple selector plug. This unit can also house and charge one or two VRLA batteries up to 7Ah capacity and can signal a mains failure with relay contacts.

This unit also has a completely independent SPCO relay that can be driven from a 12V or 24V DC supply regardless of PCB selector position (e.g. if PCB is in 24V mode, this relay can still be used in 12V mode or not at all). A typical use for this relay would be for interfacing with a fire panel to de-power items such as magnetic locks in the event of an emergency.

Output selected as 12V	
Voltage	12V DC *(13.7V)*
Current	1 x 8A
Connection type	PCB terminal block (2.5mm²)
Fused	20 x 5mm 8A quick blow glass fuse
Output selected as 24V	
Voltage	24V DC *(27.4V)*
Current	1 x 4A
Connection type	PCB terminal block (2.5mm²)
Fused	20 x 5mm 4A quick blow glass fuse
Mains fail signalling contacts	
Contact configuration	Single pole change over *(Approximately 30 second delay)*
Voltage	Maximum 30V DC
Current	Maximum 1A
Connection type	PCB terminal block (2.5mm²)
Undedicated relay contacts	
Contact configuration	Single pole change over
Voltage - Coil	12V or 24V DC (separate terminals)
Voltage - Switching	Maximum 30V AC/DC
Current - Switching	Maximum 5A
	Note: This is only valid when quenching diode fitted for inductive loads, e.g. magnetic locks and releases
Connection type	PCB terminal block (2.5mm²)
Input	
Voltage	230V AC @ 50Hz (+/- 10%)
Power consumption	< 90VA
Connection type	10mm² internal terminal block (3 x 1.5mm² or 2 x 2.5mm²)
Fused	3A Mains fuse (BS1362)
Mains on indication	LED indication
Environmental	
Operating temperature	-10°C to +40°C
Storage temperature	-20°C to +50°C
Operating relative humidity	Maximum 95% non-condensing

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DA449

12V DC 8A *or* 24V DC 4A Power supply
Within a mild steel enclosure

Dimensions*	
Width	320mm
Height	255mm
Depth	90mm
Weight	< 4.85Kg
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	(1 or 2) 7Ah VRLA

****(+/- 2mm)***

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