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**304-002 - 4 AMP TRANSFORMER RECTIFIER**

**OVERVIEW**

The 304-002 Transformer Rectifier will provide a nominal 24 volt dc supply at a maximum output current of 4A for the operation of 24 volt field equipment. This product is not for use with back-up batteries and should not be considered as a fully monitored power supply.

A mains present indicator (green led) and fault indicator (red led) are provided. Remote switching of the 24 volt dc output can be achieved by means of either an external contact closure or an external 24 volt dc switched supply. The latter is frequently used when switching dc electromagnetic door retainers.

An additional external relay may be added by using the Cranford Controls Ltd R24-PCB auxiliary relay.

**FAULT RELAY**

Connect the load to the O/P terminals, observing the correct polarity.

If required, connect an external contact to the terminal marked SW. Contact will disconnect the output.

If required connect an external switched supply to the EXT SUPPLY terminals. OBSERVE CORRECT POLARITY. Application of 24 volt dc to these terminals will disconnect the 24 volt dc output.

A terminal block is provided for connection to fixed mains wiring.

The green LED indicates mains power present.  
The red LED indicates that the output fuse has blown.



**FUSES**

24V Nominal output FS1	F4A	20mm	Glass
Mains input	T1A	20mm	HRC

**SPECIFICATION**

Output Voltage	22 to 30 volt dc dependant upon load
Maximum load	4 Amperes

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Doc No: 125-041  
Issue No: 001

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