

User Guide for FRS 0001 0031 3A Transformer (Unswitched)

Description:

The FRS 0001 0031 3A transformer is a 3 Amp 230Vac switch mode power supply for use with 24Vdc actuators. The transformer is attached to a blank double pattress cover plate. The product is to be fitted into a compatible double pattress box, with minimum depth of 35mm.

The output polarity from the transformer is dependent on which switched Live input is being supplied with power:

- Live 1 input energized produces positive 24Vdc on 24VA connection with 0V on the 24VB connection.
- Live 2 input energized produces positive 24Vdc on 24VB connection and 0V on the 24VA connection.

The transformer contains thermal protection for extended excess loads, which will engage output power limiting and eventual shutdown when prolonged over temperature conditions occur. Output will be restored once temperature has recovered to normal operating temperatures.

Deliverables:	
1 x	3A Transformer, unswitched (FRS 0001 0031)
2 x	Pattress screws
1 x	User guide leaflet (14011)

Installation instructions:	
1	Carefully open carton and check contents against the above list.
2	Cable up as required. See the attached typical connection details below.

Connections:		
J2 (3 pin connector)	L1	Connected to Switched Live 1 (produces Positive on 24VA)*
	L2	Connected to Switched Live 2 (produces Positive on 24VB)*
	N (middle)	Neutral
Earth	Green/Yellow	Earth
J1 (2 pin connector)	To actuator/s	Wiring polarity is dependent on actuator fitted.



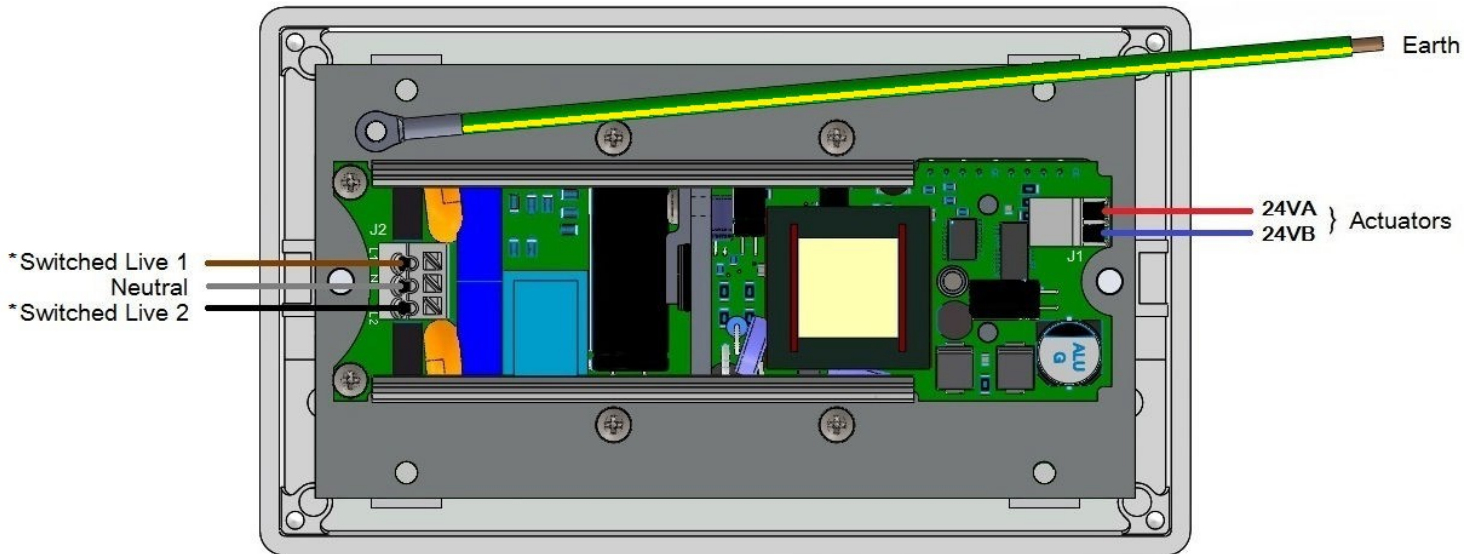
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Typical Connection Details.



*Connecting Live to both L1 and L2 inputs simultaneously will disable the output.

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