

User Guide for FRS 0001 0032 3A Transformer (Facia Switched)

Description:

The FRS 0001 0032 3A transformer is a 3 Amp 230Vac switch mode power supply for use with 24Vdc actuators. The transformer is fitted behind a double pattress plate, which has two touch panel switches for the user interaction. 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 touch button is pressed. When fitted with 'THIS WAY UP!' text at the top of the pattress:

- the right-side button produces a positive 24Vdc on the 24VA connection with 0V on the 24VB connection
- the left side button produces a positive 24Vdc on the 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, facia switched (FRS 0001 0032)
2 x	Pattress screws
1 x	User guide leaflet (14012)

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:

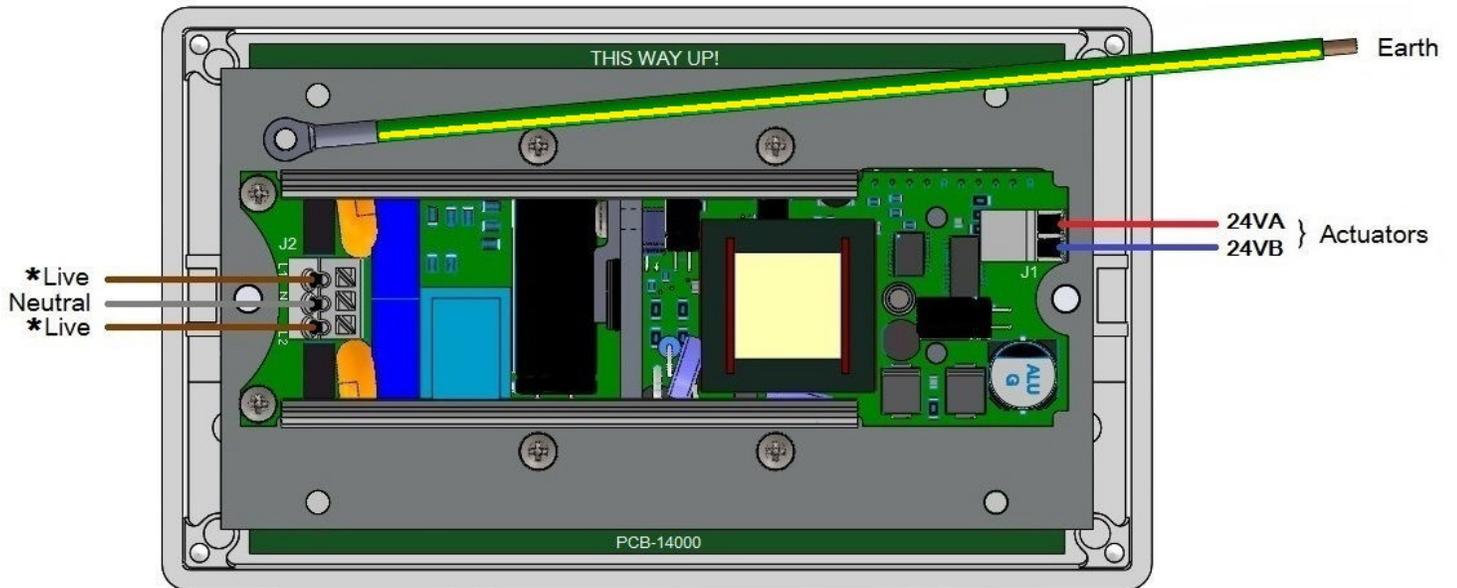
J2 (3 pin connector)	L1 or L2	Live
	N (middle)	Neutral
Earth	Green/Yellow	Earth
J1 (2 pin connector)	To actuator/s	Wiring polarity is dependent on actuator fitted.



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*Live can be connected to either L1 or L2 inputs

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