

# 3 Amp Transformer - Switched

## User Guide



### Description:

**The 3A transformer is a 3 Amp 230 V ac switch mode power supply for use with 24 V dc actuators.**

The transformer is fitted behind a double patress plate, which has two touch panel switches for the user interaction. The product is to be fitted into a compatible double patress box, with a minimum depth of 35 mm.

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 patress:

- The right-side button produces a positive 24 V dc on the 24 V A connection with 0 V on the 24V B connection.
- The left side button produces a positive 24 V dc on the 24 V B connection and 0 V on the 24V A 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.

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# 1.0 Specification

## 1.1. Deliverables

1 x	3A Transformer, unswitched (FRS00010032)
2 x .	Patress Screws
1 x	User guide leaflet (14012)

## 1.2. Installation Instructions

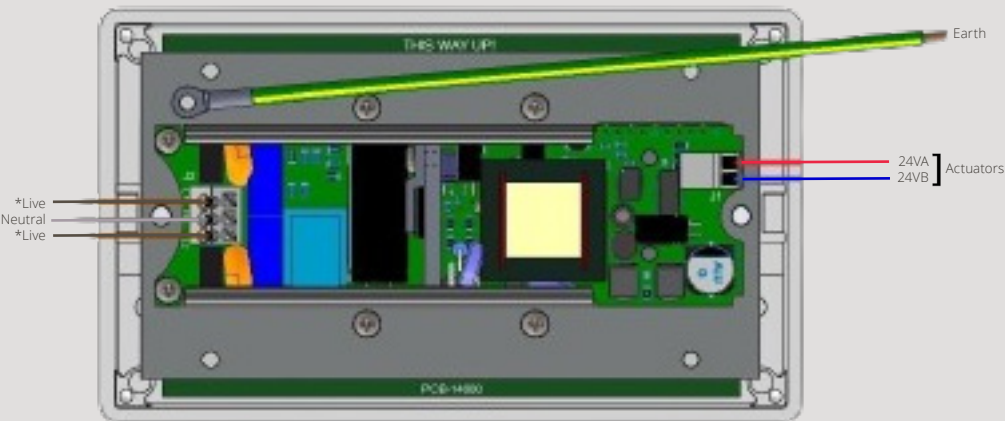
1	Carefully open carton and check contents against the above list.
2	Cable up as required. See the typical connection details below in section 2.4.

# 2.0 Installation

## 2.1. Connections

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

## 2.2. Typical Connection Details



\*Live can be connected to either L1 or L2 inputs



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Lancaster House  
Wellington Crescent  
Fradley Park, Lichfield  
Staffordshire WS13 8RZ  
United Kingdom

**+44 (0)1543 443060**  
**[sales@secontrols.com](mailto:sales@secontrols.com)**  
**[www.secontrols.com](http://www.secontrols.com)**

