



TR2, 28 volt DC power unit

Purpose:

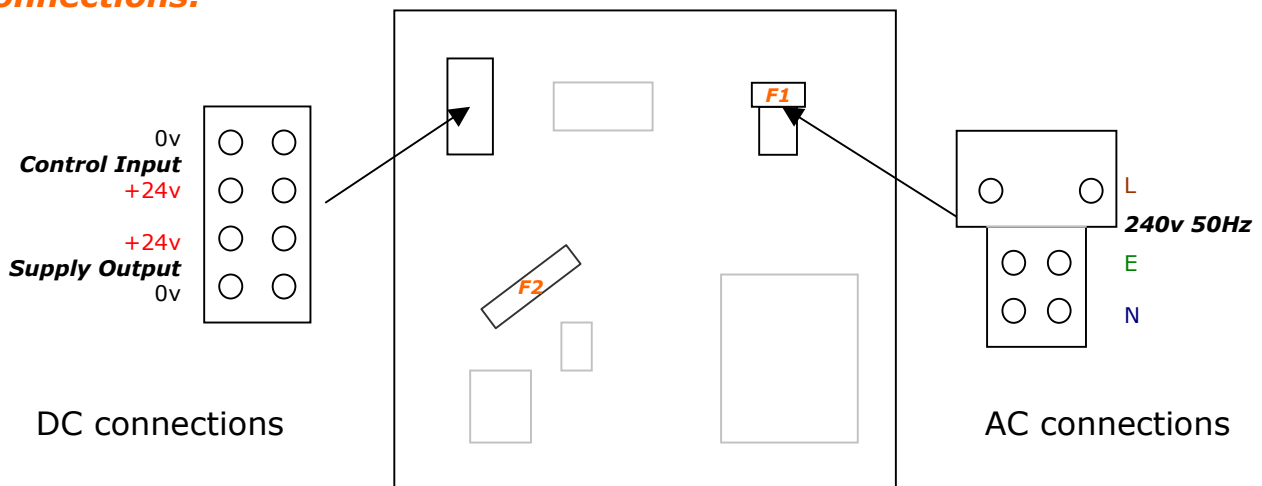
The TR2 is designed to supply power to equipment requiring a basic 24-28 volt DC supply, such as magnetic door-holders. It consists of a simple, reliable circuit of Stepdown Transformer, Rectifier and Smoothing Capacitor, together with protective fuses, that combine to produce a supply capable of delivering a nominal 24-28 volts at up to 2.5 amps continuously. Additionally a suppressed-input relay is provided that enables the output to be remotely switched off with a low current 24 volt DC signal, such as a fire panel's auxiliary signal.

The TR2 is not suitable for supplying power to fire alarm equipment or sensitive equipment requiring a steady regulated input.

Specification:

Supply Input	-	220-240 volts AC 50Hz, 0.5A maximum.
Output	-	24-28 volts DC, 2.5A maximum.*
Control Signal	-	24-28 volts DC, 50mA maximum.
Configuration	-	Output normally active, apply control signal to inhibit.
Protection	-	Input fuse F1, 2A 1 inch ceramic. Output fuse F2, 5A 1-1/4 inch glass.
Dimensions	-	225 x 250 x 90mm.
Construction	-	Sheet Steel, light-grey enamel coating, 4 entry knockouts.

Connections:



***Note:** it is normal for the output to vary, depending on the attached load. With a very small load the output will be in the region of 28 volts, falling proportionally to approximately 24 volts as the maximum load of 2.5 amps is approached. A special high-power version is available to special-order should higher voltages be required at high loads - Please contact us for details.