

## Safety Relays

# Power Supply Unit



### Description

The Minotaur power supply converts either 110V AC or 230V AC to 24V DC. It is intended to be used with an MSR5T or a Ferrotek noncontact interlock.

The power supply can be connected to an MSR5T and used to interface to 110V AC or 230V AC emergency stop and gate interlock control signals.

The power supply can be used to power 3 Ferrotek control units and one MSR5T for noncontact interlock protection.

### Features

- 110V AC or 230V AC input
- 24V DC output
- <4VA power consumption
- 22.5mm wide housing

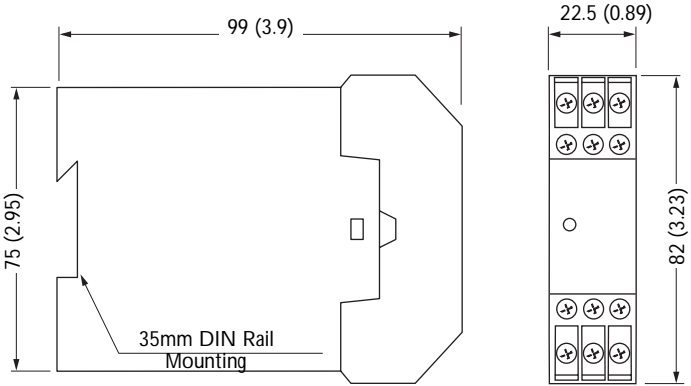
### Specifications

Standards	IEC/EN 60204-1
Approvals	CE marked for all applicable directives and cULus
Power Supply	110V AC and 230V AC 50/50Hz
Power Consumption	<4W
Fuses Input (external)	500mA time lag
Outputs	500mA@ 24V DC
Indication LEDs	Red = Power on
Impulse Withstand Voltage	3000V
Installation Group	C in accordance with VDE 0110
Pollution Degree	3
Operating Temperature	-10°C to +55°C (+14°F to +131°F)
Humidity	90% RH
Enclosure Protection	IP40, (NEMA 1), DIN 0470
Terminal Protection	IP20, DIN 0470
Conductor Size	1 x 2.5mm <sup>2</sup> (14AWG) stranded 1 x 4mm <sup>2</sup> (12AWG) solid
Torque Settings—terminal screws	1N·m (8.85lb-in)
Case Material	Red Polycarbonate
Mounting	35mm DIN rail
Weight	210g (0.46lbs)
Vibration	0.75mm (0.30in) peak, 10-55Hz
Shock	30g, 11ms half sine

**Product Selection**

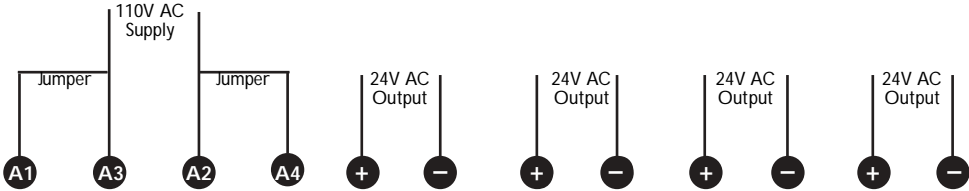
Description	Output	Catalogue Number
110/230V AC Power Supply	500mA @ 24V DC	440R-A32003

**Dimensions—mm (inches)**



**Typical Wiring Diagrams**

**110V Connections**



**230V Connections**

