

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
- <4V A power consumption
- 22.5 mm wide housing

Specifications

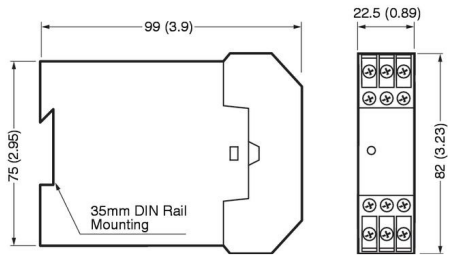
Standards	IEC/EN 60204-1
Certifications	—
Power Supply	110V AC and 230V AC 50/50 Hz
Power Consumption	<4 W
Fuses, Input	500 mA time lag (external)
Output	500 mA @ 24V DC
Status Indicators	Red = Power on
Rated Impulse withstand Voltage	3000V
Installation Group	C in accordance with VDE 0110
Pollution Degree	3
Operating Temperature [C (F)]	-10...55° (14...131°)
Relative Humidity	90%
Enclosure Type Rating	IP40+X149 (NEMA 1), DIN 0470
Terminal Protection	IP20, DIN 0470
Conductor Size, Max.	1 x 2.5 mm ² (14AWG) stranded 1 x 4 mm ² (12AWG) solid
Torque Settings—terminal screws	1 N•m (8.85 lb•in)
Material	Red Polycarbonate
Mounting Method	35 mm DIN Rail
Weight [g (lb)]	210 (0.46)
Vibration	0.75 mm (0.30 in.) peak, 10...55 Hz
Shock	30 g, 11 ms half sine

Product Selection

Description	Power Supply Output Current Rating	Cat. No.
110/230V AC to 24V DC Power Supply	500 mA @ 24V DC	440R-A32003

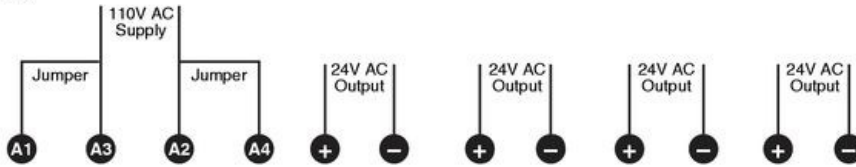
Approximate Dimensions

Dimensions are shown in mm (in.). Dimensions are not intended to be used for installation purposes.



Typical Wiring Diagrams

110V Connections



230V Connections

