

## TRX Power Supplies

24V DC REGULATED POWER SUPPLY



The Haes 1A and 2.5A 'TRX' transformer rectifier power supplies are suitable for applications requiring a simple regulated 24vdc supply, where the charging of standby batteries is not required.

Typical applications include door retaining magnets, electromagnetic door closers or analogue system interface modules.

The power supply units come complete with an integral load switching relay and are enclosed in a mild steel cabinet with a 'Supply On' LED indicator and 20mm knockouts for cable entry.

### Features at a glance

- High efficiency switched mode power supplies
- Compact 1A and 2.5A versions
- Regulated 24vdc supply
- 3 year warranty as standard
- Integral load switching relay
- Supply 'on' indication
- Continuously rated at design load (see over)
- Mains input range 88-264vac
- Overload protected

Models	Description
TRX1A-24	1 Amp 24vdc
TRX2.5-24	2.5 Amp 24vdc

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### Current Ratings

Both models have 'continuous current' ratings and 'maximum current' ratings. The maximum current rating should not be used for periods exceeding 30 minutes.

Model	Volts dc	Cont Current	Max Current	Power Rating	Ripple	Overload
TRX1A-24	24	1A	1.5A	36W	2/20MV P-P	110-150%
TRX2.5A-24	24	2.5A	3.2A	76.8W	2/120MV P-P	Auto Recovery

### Temperature Rating

-25°C to + 70°C. Humidity 20-90% RH non condensing.

### Safety

TUV 60950 - 1

### EMC

EN55022 Class B

### Input Voltage

88-264vac, 47-63Hz

### Input Current

1A : 0.55A / 230vac

2.5A : 1.2A / 230vac

### Dimensions (H x W x D)

160 x 255 x 55mm

### Enclosure

IP34, 18SWG (1.2mm) mild steel cabinet & lid, 9 x 20mm knockout, 4 x dimpled fixing holes (5mm)

### Finish

Smooth texture powder coat Radon MW334E Interpon Powder Coat

### Relay

Both models have dual volt free change over contacts with suppressed and polarised control coil input (24vdc), contacts fused, 3.15A, 20mm glass fuse.



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