

TRX1A/2.5A-24

24 Volt Regulated Power Supplies

Suitable for systems requiring a simple regulated 24vdc power supply where the charging of batteries is not required.

Typical application:- control or door retaining magnets.

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

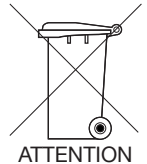
Dims: 255mmW x 160mmH x 55mmD

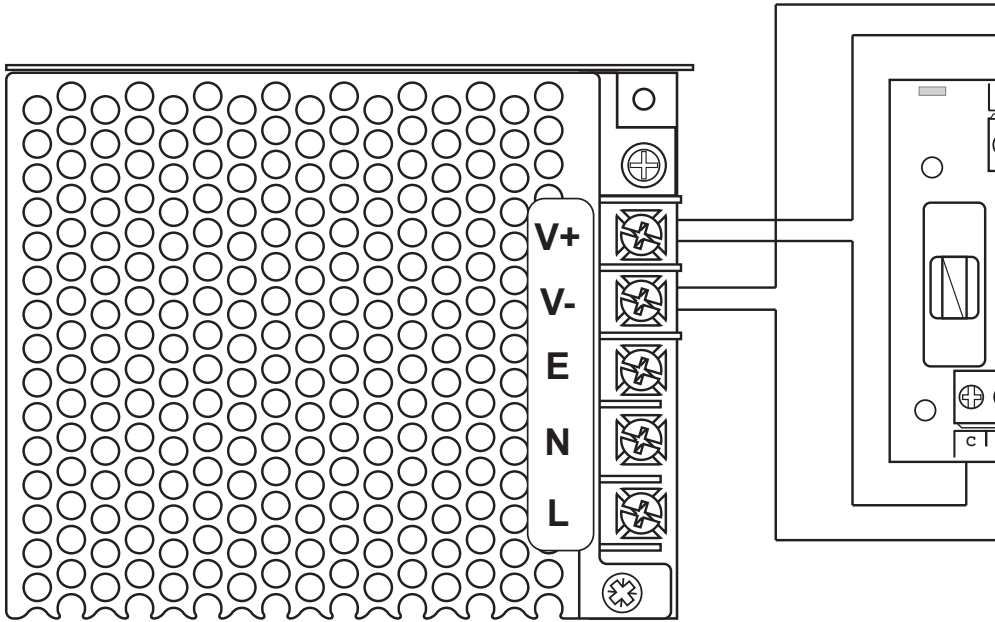
Finish: Smooth texture powder coat Radon MW334E Interpon Powder Coat.



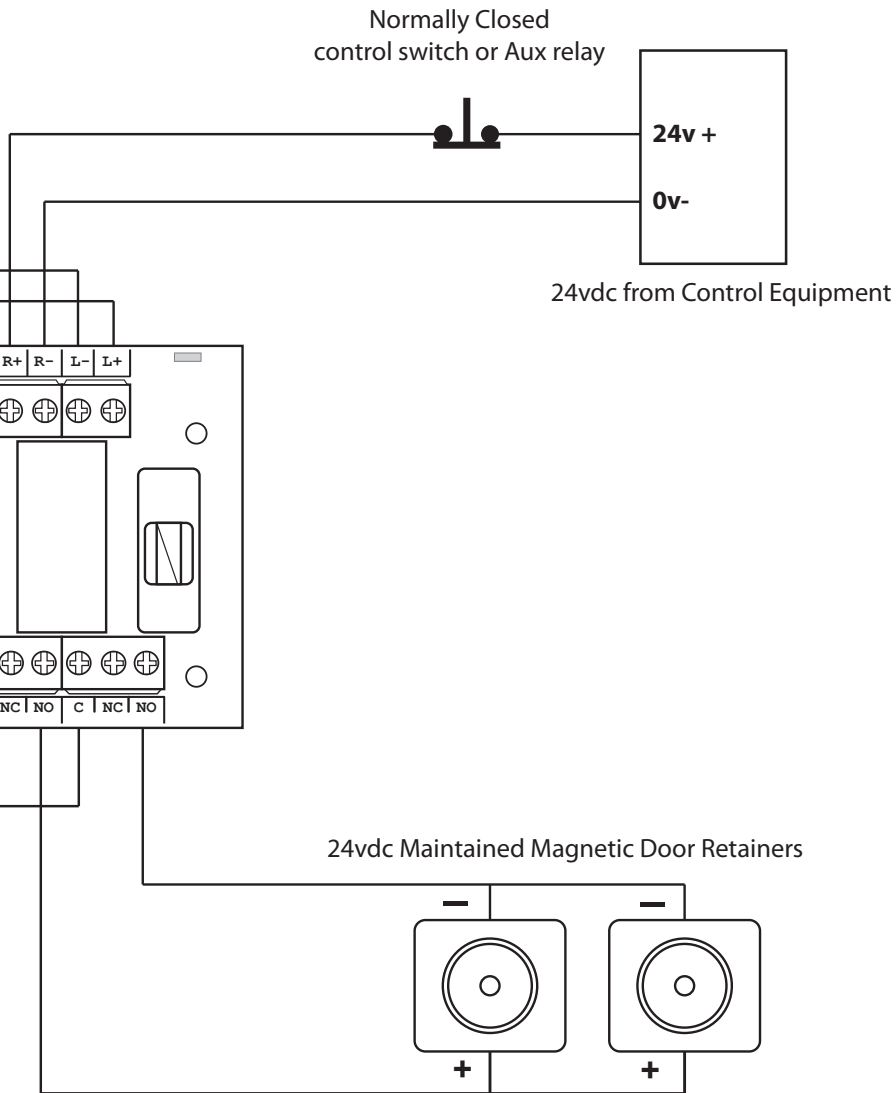
Installation

1. Do not mount where unit may be contaminated by liquids. Ensure cabinet is securely fixed to a firm surface via the four dimpled fixing holes provided.
2. Ensure the ventilation slots at the top and bottom of the box are not obscured. Note:- if obscuring is unavoidable, derate the output current by 20%.
3. Supply mains voltage by suitable switched spur unit.
4. Ensure mains supply is isolated before applying any secondary connections.
5. Use suitable cable glands in knockouts provided.
6. Check output voltage is in range using suitable volt meter.
7. Voltage can be adjusted, if required, from 22 - 27.6v
8. Ensure any equipment connected to this apparatus is suitably suppressed.





General wiring schematic showing connections to magnetic door retainers. TRX unit



These are suitable for many other applications, configure as required.

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	Adjust Volts	Overload
TRX1A-24	24	1 amp	1.5 amp	36W	2/20MV P-P	22-27.6v	110-150%
TRX2.5A-24	24	2.5 amp	3.2 amp	76.8W	2/120MV P-P	22-27.6v	Auto Recovery

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

Safety: TUV60950 - 1

EMC: EN55022 Class B

Input Voltage: 88-264 vac, 47-63Hz

Input Current: (1A) 0.55A/230vac (2.5A) 1.2A/230vac

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.

