



3204 Rocky River Road, Heath Springs, SC 29058
Phone: 803-286-8614 Fax: 803-286-6063

Electronic Relay Module

Model ERM260-000

The Electronic Relay Module, Model ERM260-000, is a voltage and/or current sensing relay. The module provides inputs for a DC voltage and DC current input. These inputs are summed together and compared to with an adjustable PULL-IN level. When the external signals exceed the PULL-IN level, the relay is energized. The module has two modes of operation for de-energizing the relay. In the INTERNAL mode, the relay will de-energize when the sum of the external signals fall below an adjustable DROP-OUT level. In the EXTERNAL mode, the relay remains energized until reset via an external contact closure. A status LED is provided for visual indication of the relay state (relay is energized when LED is on).

Furthermore, jumper J2 provides a selection for either ON DELAY or OFF DELAY. A multi-turn potentiometer is used to adjust the delay time. When power is applied to the module the LED will flash once if ON DELAY is selected and twice if OFF DELAY is selected.



Electrical Specifications

D.C. Power Input

- 24 VDC $\pm 10\%$, 60mA max, internally fused

+10VDC Reference Output

- 10mA max

Voltage Input

- Range: 0-10VDC
- Input Impedance: $10^{12} \Omega$

Current Input

- Range: 0-20mADC

Relay Output

- Form C contact
- 2A @ 115VAC

- 2A @
60VDC

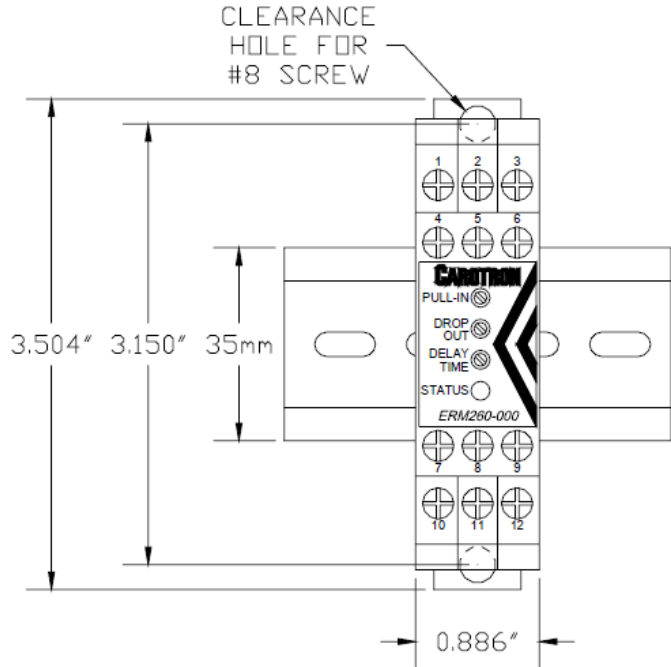
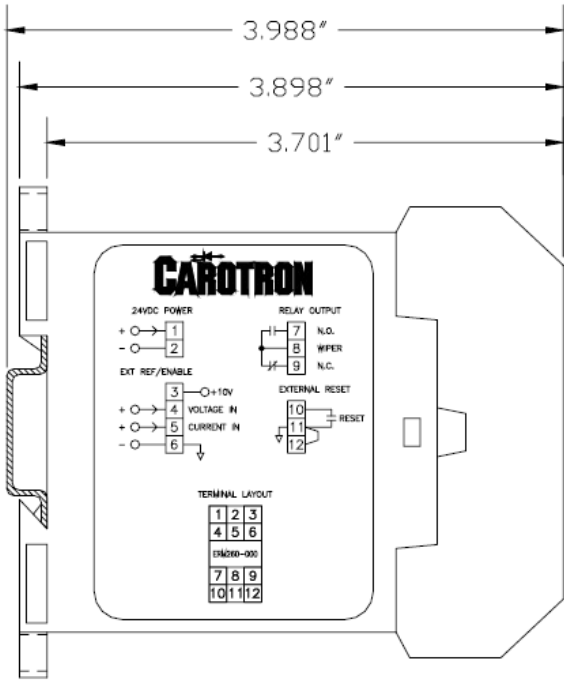
Delay Time

- Linear control adjustable from 0 to 60s max

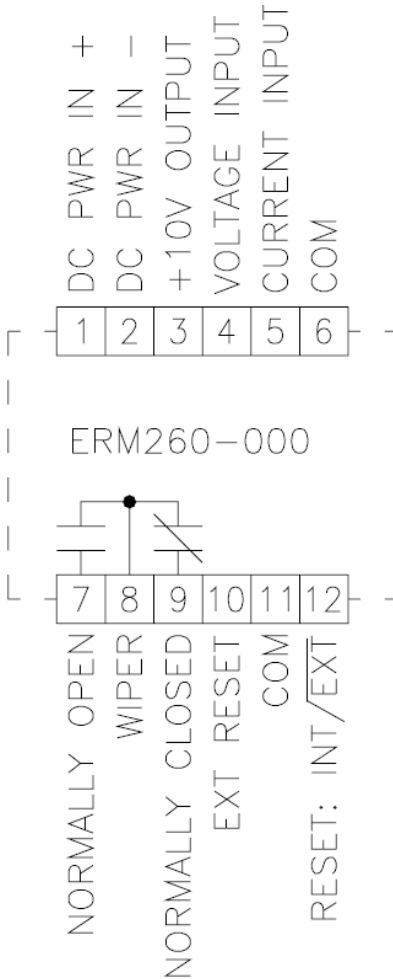
Temperature Range

- 0-55°

Physical Dimensions



General Connections



Electronic Relay Module

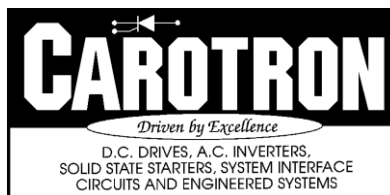
ERM260-000

Physical Specifications

3.504" H x 0.886" W x 3.898" D

Shipping Weight: 2 lbs.

View or download the complete ERM260-000 Instruction Manual (MAN1058-0A) from www.carotron.com .



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