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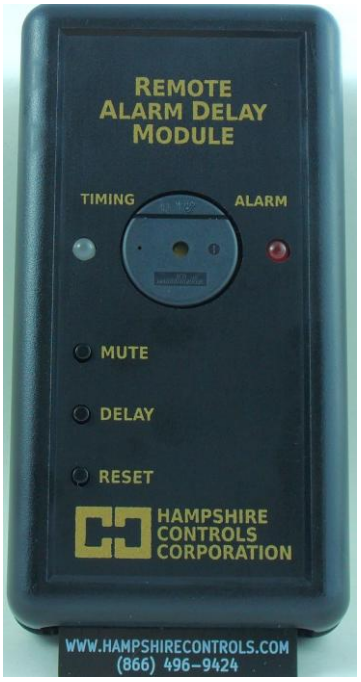
MODEL ADM-215
Remote Alarm Delay Module
User Instructions



Operation

The Remote Alarm Delay Module monitors a Normally Open or Normally Closed switch or contact for alarm condition. The unit produces an audible and visual alarm when the monitored switch or contact is in its alarm state for longer than the programmed delay time. The unit also provides a relay output that signals its alarm status.

The left-hand TIMING LED blinks green when the monitored Alarm Contact Input is in its normal condition. The LED blinks yellow when the input sees an alarm condition. After the delay time, the unit will blink the ALARM LED and sound the audible alarm. The user may press MUTE to silence the audible alarm for the "mute time." The ALARM LED will continue to flash and the output relay will stay in alarm condition. Returning to normal operation will clear the mute and reset the alarm.

Periodic testing of the unit is suggested.

Setting the Mute Time and Alarm Delay

Setting	Mute time (minutes)
1	5
2	10
3	15
4	20
5	***30***
6	60

To determine the current mute setting, tap the MUTE button. The ALARM LED will blink the current setting.

To set the mute time, hold the MUTE button until the ALARM LED begins a quick flash sequence. After the LED goes out, tap the MUTE button the desired setting count, between 1 and 6 taps. After a pause, the ALARM LED will blink the new setting. A single long flash signifies no change.

****For beeper disable tap the MUTE button 10 times.**

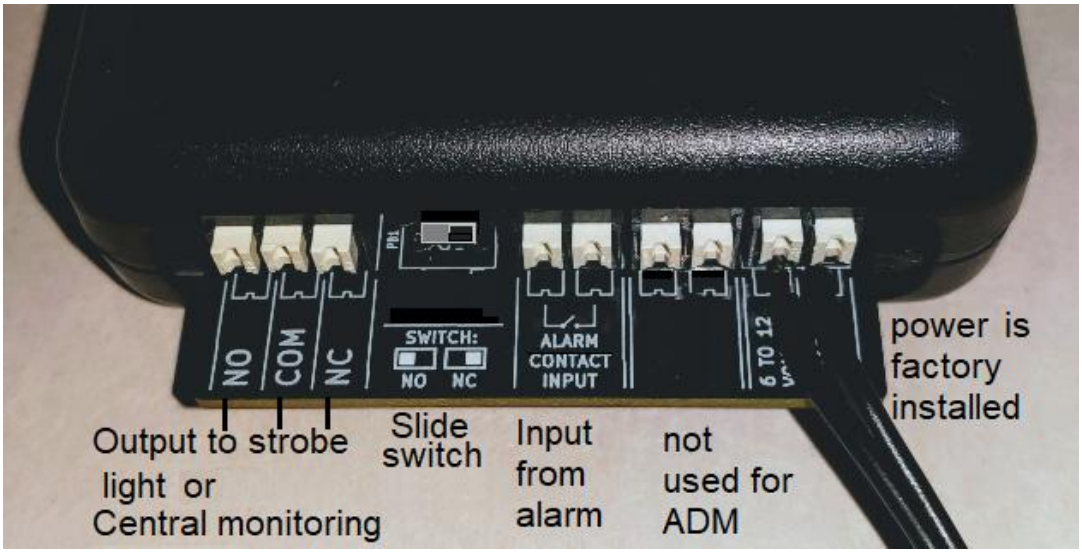
Setting	Delay time (minutes)
1	0
2	0.5
3	1
4	5
5	***10***
6	30

To determine the current delay setting, tap the DELAY button. The ALARM LED will blink the current setting.

To set the delay time, hold the DELAY button until the ALARM LED begins a quick flash sequence. After the LED goes out, tap the DELAY button the desired setting count, between 1 and 6 taps. After a pause, the ALARM LED will blink the new setting. A single long flash signifies no change.

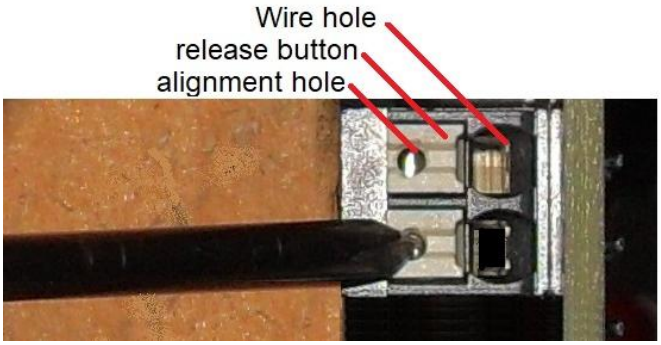
The default settings for both mute and delay are shown in bold-italics in the tables.

External Connections



From left to right, the functions are:

- Form C relay output contacts, single pole - double throw (SPDT), for connection to a monitoring system. COM/NO will close on alarm, and COM/NC will open on alarm.
- Slide switch to specify the normal condition of the external device. When the connected device is not in alarm, slide this switch to get a “green” condition.
- Alarm contact input – connect the monitored equipment’s alarm contacts to this connector.
- RTD input - not used for the ADM-215.
- Power input, 6-12 volt DC, hooked up at factory. Note that GND is (-) and 6 to 12 volts DC is (+).



Wire Installation

Min wire size = #24. Max size = #16. (AWG)

- Open the connector by pushing the white release button. You may use a small Phillips (shown) or similar. Use the probe hole to position the tool.
- Put the stripped wire in the hole behind the white push-to-open button, release the white button, do a tug test.

Selecting Normally Open / Normally Closed

The switch or alarm to be monitored should be inserted into the “Input from Alarm” connector. The slide switch should be positioned to define monitoring of the Input as “Normally Open” or “Normally Closed”. If the ADM blinks yellow it is timing an alarm. If there is no alarm, switch the slide to the other position and it will turn green.

Battery

The ADM-215 uses **rechargeable** NiMH AA cells **only**. Batteries should be changed every 6 years.