



DA-100A Door Alarm Station Installation Instructions

MIRCOM's model DA-100A is a solid-state key operated Door Alarm Station designed to work with Call Receiver Panel (EC-300). The DA-100A consists of a rugged key lock switch and an electronic module assembly mounted behind a standard single gang stainless steel plate for years of reliable service. The unit mounts onto a standard single gang electrical box for easy and quick installation. The DA-100A has a yellow LED for ALARM/BYPASS and red LED for ARMED status indicators. The DA-100A can use either N.O. or N.C. contacts for door monitoring.

Installation

1. Locate the location for door contact(s).
2. Read the notes and wire the unit using the appropriate connection diagram for the desired type of door contact, normally open (N.O.) or normally closed (N.C.).
3. Mount the unit into a standard single gang electrical box using the two screws supplied.
4. Set the key lock switch to either the "BYPASS" or "ARMED" position as desired.
5. Keep the keys in a safe place for future use.

Operation

BYPASS: By placing the key in the "BYPASS" position, the door(s) being monitored will NOT cause an alarm when opened. The yellow LED will illuminate (steady) to acknowledge that the station is in "BYPASS" mode.

ARMED: By placing the key in the "ARMED" position, the door(s) being monitored WILL cause an alarm when opened. The red LED will illuminate (steady) to acknowledge that the station is in the "ARMED" position.

ALARM: A flashing yellow LED on the DA-100A informs the user that the door being monitored has been opened. To reset the station, the key must be inserted and the switch must be placed into the "BYPASS" then back to the "ARMED" position. Before resetting the station, ensure that the door(s) being monitored are securely closed.

Notes:

Connect line 1 to the desired flash rate (slow or fast).
Use 22AWG. wire except where noted.
Only normally closed (N.C.) contacts will be supervised.
See EC-300 owners manual for more information.

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ALARM: A flashing yellow LED on the DA-100A informs the user that the door being monitored has been opened. To reset the station, the key must be inserted and the switch must be placed into the "BYPASS" then back to the "ARMED" position. Before resetting the station, ensure that the door(s) being monitored are securely closed.

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ARMED: By placing the key in the "ARMED" position, the door(s) being monitored WILL cause an alarm when opened. The red LED will illuminate (steady) to acknowledge that the station is in the "ARMED" position.

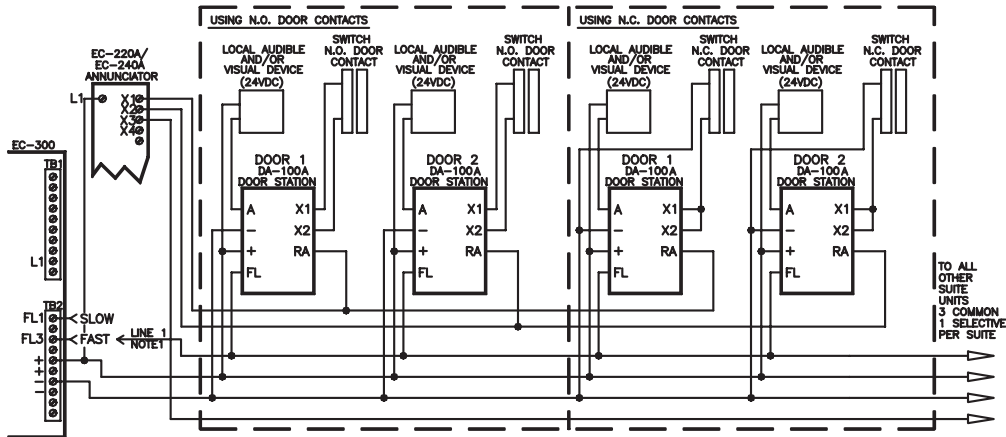
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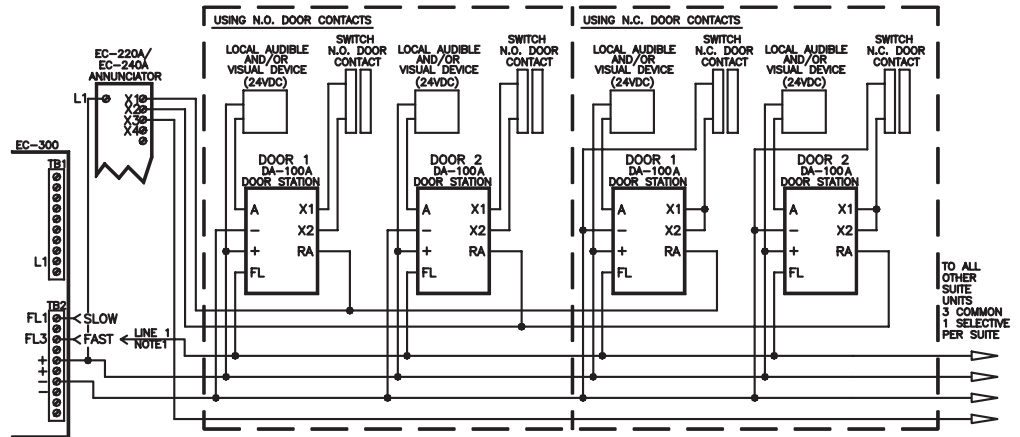
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Wiring



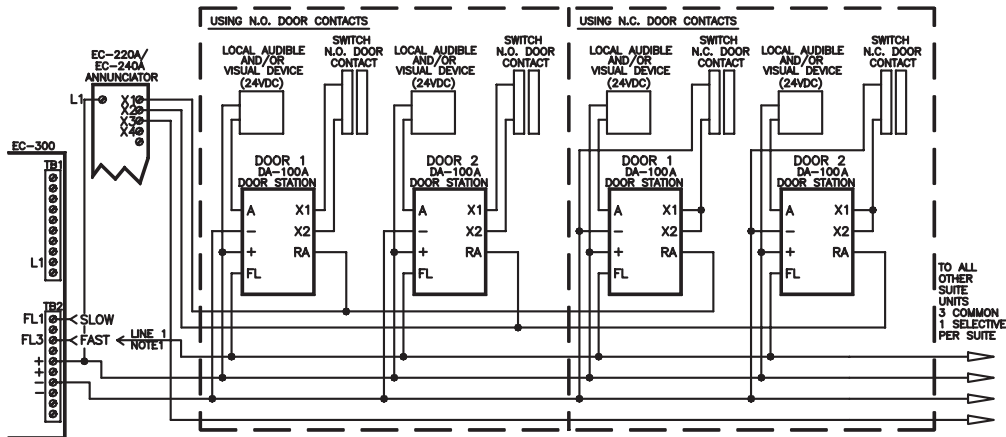
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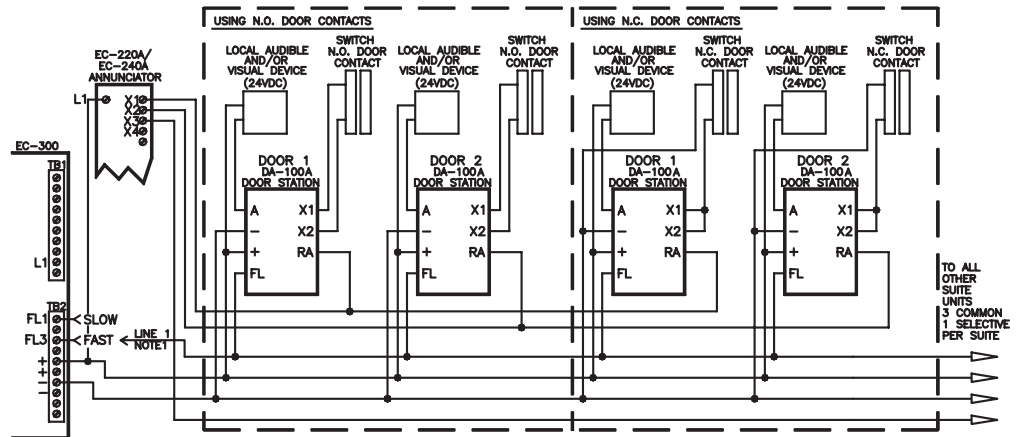
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Wiring



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Wiring



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