



ALARM LOCK

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Note: Technical Service is for security professionals only

ALARM LOCK Tech Support

TECH TIP



Date: Thursday, March 22, 2012

Subject: National Fire Protection Association Standard NFPA #101

Models: Alarm Lock model 715 Delayed Egress Panic Bar

Connection to Remote Life-Safety Equipment (Facility Fire Alarm Interconnect)

National Fire Protection Association Standard NFPA101 requires the Alarm Lock model 715 to be connected to an **APPROVED SUPERVISED AUTOMATIC FIRE-DETECTION SYSTEM** or **SPRINKLER SYSTEM** that will *automatically and instantly unlatch the lock in the event of an emergency*.

Locate terminal block "TS1" at the top left of the model 715 Control Box. Terminals 5 and 6 are reserved for the fire alarm relay connection. The model 715 Control Box is shipped with one small orange jumper wire that connects terminals 5 and 6.

When connecting model 715 to a fire alarm control panel, the jumper connecting terminals 5 and 6 **MUST** be **REMOVED** and **DISCARDED**. Terminate the fire alarm relay wires to terminals 5 and 6 (maintaining polarity) to accept a **normally closed** relay circuit from the fire alarm control panel. This normally closed relay will latch to **OPEN ON ALARM** when the building fire alarm control panel indicates an emergency. The 15-second exit delay is directly related to the normally closed circuit; if the relay changes to open, the model 715 Control Box will sense this relay change and will react by allowing the lock to open without delay.