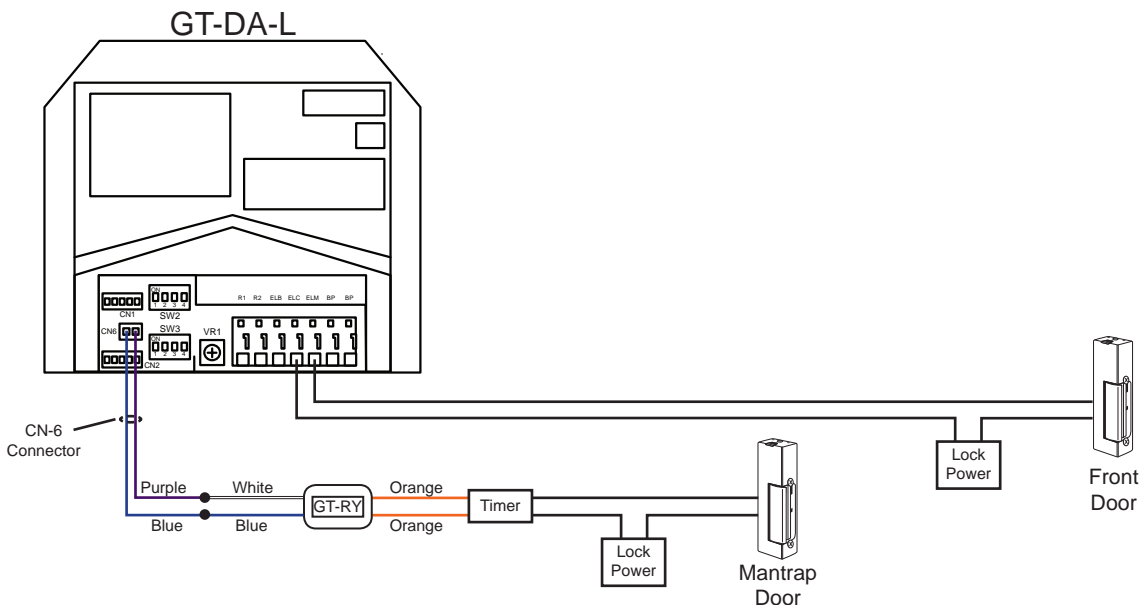


GT Series Triggering a Mantrap Door with GT-RY

The GT Series will allow the tenant station to trigger a relay while communicating with the entry panel, which then can be used to open a mantrap door.

GT Series Door Release Wiring Diagram



Features



Overview

Identify the visitor and grant entry through the front door using the key button on the tenant station. The tenant will then be able to trigger a secondary relay to open an interior door.

Procedure

Connect the front door lock to the door release relay on the GT-DA-L (ELC & ELM for a strike, ELC & ELB for a maglock). Connect the GT-RY relay to the CN-6 connector of the GT-DA-L. The GT-RY will then be used to connect to the mantrap door strike. If a maglock is required for the mantrap door, a secondary normally closed relay is required. The GT-RY contact is rated at 24V AC/DC 0.5A. The GT-RY will provide a momentary pulse when triggered. A 3rd party timer device will be required if the mantrap door strike needs to be triggered for a longer period of time.

Operation

Identify the visitor and push the key  button on the tenant station to trigger the door release relay on the GT-DA-L audio module. This will, in turn, trigger the front door strike or maglock. While still in communication with the entry panel, push the GUARD  button to trigger the GT-RY relay. This will trigger the door strike or maglock associated with the mantrap door allowing the visitor access inside the building.