

LinkTechnology

protecting assets & people

Instructions LT-INT4

LT-INT4 Quad Interlock / Airlock System

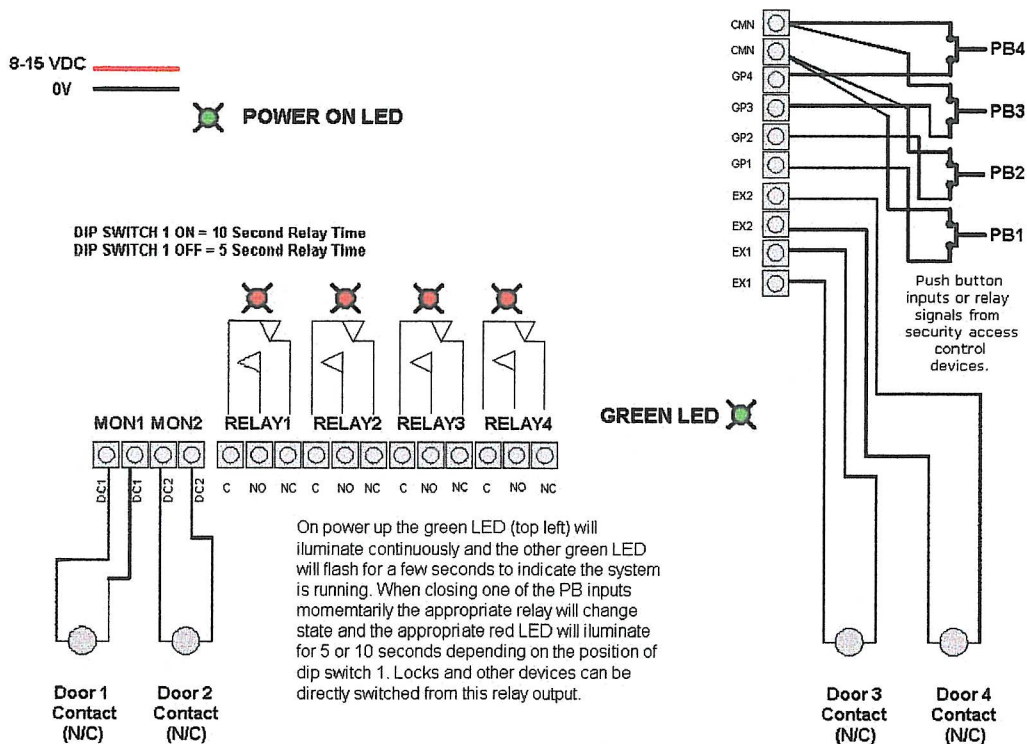
General

Thank you for purchasing the Link Technology interlock system for up to four entrance points. The system will manage logical timed unlock in relation to its further three entrances. The unit has four channels each with the following:

- One Magnetic Door Contact - Normally closed when the door is closed
- One Activate Input - Momentary closing contact, normally open, switch, relay, code lock, access reader etc.
- One Timed Relay - Relay output that operates for 5 or 10 seconds depending on settings.

The system will not allow the activation of any other relays until a single cycle has completed on any one. If a door is left open then operations will cease until it is closed.

Wiring



Connect all wiring as shown. Door Contact 1, PB1 and Relay 1 are a single door set.

Parameter	Value
Supply Voltage	8 - 15 VDC
Supply Current	200 mA maximum, 100mA quiescent
Relay Contacts	Form C Changeover, 2Amp at 28VDC timed output
Diode Suppressors	IN4001, IN4002 or a bi directional transient suppressor
Door Contact Inputs	Closed when door is closed, magnet reed style switches
Push Button Inputs	Normally open going closed momentarily volt free

Important Note: When connecting inductive loads such as electronic locking devices to the relay outputs a lock suppression diode or similar component must be connected directly across the lock terminals. Failure to observe this may cause irreparable damage to this and other circuits. Also if you do not use all four channels of the quad interlock then you must link a small piece of wire across the door contact inputs of the unused channels (doors closed always).

Link Technology Mfg.Ltd. LT-INT4 Instructions Revision: 1.00.