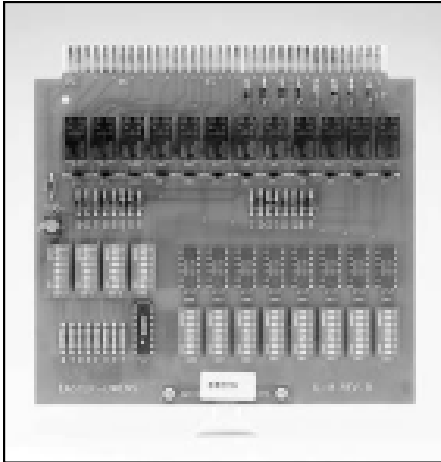


Interlock Card Model IL8G & IL8R



Description:

The function of the IL8 Interlock Card is to disallow the simultaneous opening of more than one door within a vestibule, secure corridor, or sallyport. The card will control interlock groups in any combination, up to eight doors in one group. When a single door in an interlock group opens, a control signal disables the remaining doors in the group. If necessary, an “override” can be utilized to temporarily disable the interlock system. Two standard models are available: Model IL8G (monitors the door “Closed” and Locked Input) and Model IL8R (monitors the door “Open” and Unsecured Input).

The card operates by breaking the control signal through a normally closed dry relay contact. A lamp test input is typically used to disable any door and prevent false door position indication during lamp testing. All interlock and override groups are programmable through field-modifiable DIP switches mounted on the board.

This card features plug-in card edge connectors for easy insertion and removal, and can be either 19” rack or backpanel mounted.

Rev. 1/6/2026

Features:

- Accepts Closed/Locked door status or Open/Unsecured door status
- DIP switches or selecting interlock and override groups
- Plug-in card edge connections
- 19” EIA rack or panel mountable
- Lamp test input
- Diode surge suppression across each relay coil

Specifications:

Power: 24VDC / 10ma steady / 160ma active

Dimensions: 6.75” H x 6.50” W x 1.50” D

Control inputs / outputs:

Input: 8 Green light (door closed) or 8 Red light (door open) Door Position Switch (DPS) inputs, 4 Override and 1 amp test input

Output: 8 normally closed dry contacts, 24VDC, 2 amp maximum

Please contact us for pricing, customizing, and format specifications

