



# IMPORTANT INFORMATION

The GAL SDM and SN series devices are a **Hoistway Door Combination Mechanical Lock and Electrical Contact** as defined by ASME code. **THESE ARE NOT ELEVATOR INTERLOCKS** and should not be used as such.

## Definition from ASME A17.1

*hoistway door combination mechanical lock and electric contact:* a combination mechanical and electrical device with two related, but entirely independent functions, which are:

(a) to prevent operation of the driving machine by the normal operating device unless the hoistway door is in the closed position

(b) to lock the hoistway door in the closed position and prevent it from being opened from the landing side unless the car is within the landing zone

NOTE: As there is no positive mechanical connection between the electric contact and the door locking mechanism, this device ensures only that the door will be closed, but not necessarily locked, when the car leaves the landing. Should the lock mechanism fail to operate as intended when released by a stationary or retiring car-cam device, the door can be opened from the landing side even though the car is not at the landing. If operated by a stationary car-cam device, it does not prevent opening the door from the landing side as the car passes the floor.

## Where Permitted

### 2.12.3 Hoistway Door Combination Mechanical Locks and Electric Contacts

**2.12.3.1 Where Permitted.** Hoistway door combination mechanical locks and electric contacts shall be permitted only on freight elevators equipped with manually operated vertically sliding doors and only at the following landings:

(a) the top terminal landing and the landing located not more than 1 225 mm (48 in.) below the top terminal landing, provided that the elevator travel does not exceed 4 570 mm (15 ft)

(b) any landing whose sill is within 1 525 mm (60 in.) of the pit floor, regardless of the elevator travel