HatchLatch® DOOR RESTRICTOR

HOW IT WORKS

The HatchLatch® ensures elevator cab doors stay shut and locked between landing zones.

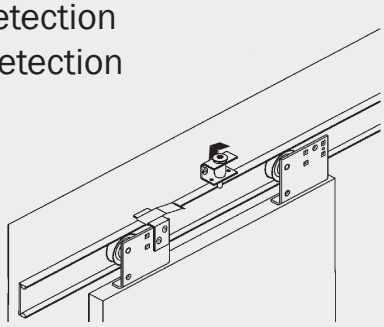
Passengers are kept safely inside in the event of a stall or breakdown. The HatchLatch comes with all the material you need to protect one elevator up to five landings.

ELECTRONIC DOOR RESTRICTOR

With reflective tape in the hatchway inside the landing zone and on the door operator, the photo-eye detection senses the tape and knows the cab is inside the landing zone and picks up the solenoid-controlled plunger. The plunger rises out of the way, clearing the door roller or blocking bracket as the door opens. When the reflective tape is not detected, the plunger holds its door-blocking position.

ADVANTAGES

- Redundant Circuitry
- Battery Backup
- Battery-Charging Control Circuitry
- Solenoid Detection
- Photoeye Detection



Photoeyes mounted on the car signal a solenoid to "pick" a metal plunger and allow free door movement only when the car is safely inside a landing zone



LOCKS THE DOOR

on Unsafe Elevator Cab Openings

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