

The Electronic Upgrade for Obsolete Mechanical Switches**How It Works**

A magnetically activated cartop-mounted switch array is teamed with rail-mounted actuating magnets to provide consistent bi-directional signals that bring out the best in today's microprocessor-based controls.

Maintenance Free

KE Terminal Limit Switches are reliable, accurate and require no maintenance. Break free from bulky and noisy mechanical cams and switches and the maintenance they require.

Advantages

- Cartop mounting eliminates hoistway rewiring by using available traveling cable conductors
- Straightforward installation on cartop
- Non-contact, noiseless operation—silent inside the car, even on the cartop!
- Rugged, durable switch technology was developed to sense high-speed bullet train position
- Consistent activation flight after flight, year after year
- Set & Forget design requires no adjustment or maintenance once installed
- Better price point than competitive magnetic switches

Many Uses

- Normal terminal slowdown device
- Emergency terminal stopping device
- Speed-limiting device
- Access limit switch
- Earthquake car-to-counterweight switch
- Not for final limits, which must be mechanical per code

HOW TO ORDER**KE-8**

Car speed: 0 fpm to 350 fpm
Eight switches, eight lanes

KE-14

Car speed: 350 fpm to 1400 fpm
14 switches, 14 lanes



Locks the Unsafe Elevator Cab Openings

HatchLatch® comes standard with all the material you need to protect one elevator up to five floors. To protect more than 5 floors, order additional reflective tape (see table below).

Here's how it works:

Reflective Tape

You position pieces of reflective tape in the hatchway inside the landing zone and on the door operator.

First Photoeye

When the first of the two HatchLatch photoeyes "sees" the tape in the hoistway, it senses that the elevator is inside the landing zone.

Second Photoeye

When the second HatchLatch photoeye "sees" the tape on the door operator, it picks up a solenoid-controlled plunger.

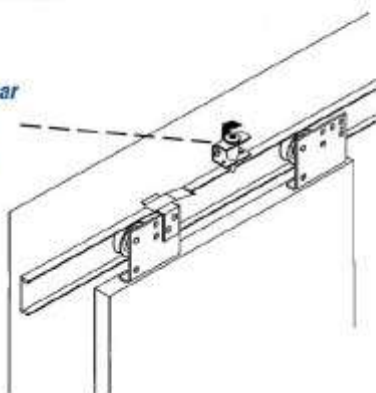
Plunger

The plunger rises out of the way, clearing the door roller or blocking bracket as the door opens.

No Exit! Zone

Between landing zones, the photoeye senses no tape reflection...and the plunger holds its door-blocking position.

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



HATCHLATCH® ENHANCED – COMPLETE

Call out	Adams part no.	Description
A	A835RPLBOX	EDR ASS'Yw/Box (includes Battery)
B	A835R2	Reflective Tape, 2" x 10 ft (for up to 5 floors)
C	A835HKA3	Hard Ware Kit
D	A835SYSBK	Solenoid w/9ft cable and Z bracket
E	A835PH	Photoeye w/bracket and 9ft cable
F	A835RA	Reflective Angle
G	A835BB	Bracket, 7 GA x 5" x 10"

REPLACEMENT PARTS AND ACCESSORIES

Individually numbered items below are part of lettered sub-assemblies above.

Call out	Adams part no.	Description
1	A835MC	Hatch Latch "Money Clip"
2	A835R2P	Reflective Tape, 2" x 150 ft (for up to 75 floors)
3	A835S1	Solenoid w/ 9 ft cable
4	A835PL	Plunger for Solenoid
5	A835 DC	Dust cap for Solenoid plunger – yellow
6	A835PH – BTK	Bracket (for Photoeye)
7	A835SBA3	Solenoid Mounting bracket
8	A835ZC	Solenoid Plunger "Z" bracket
9	PS1250-F1	Battery