

Advantages of Electrified Exit Devices

Electrified Exit Devices

Almost all exit device manufacturers offer the option of electric latch retraction on their touchbar-style exit devices to allow instant locking and unlocking from a remote location or access control device. Electric latch retraction is accomplished by using a solenoid or electric motor to retract the latch or latches of an exit device. Advantages of electric latch retraction over other means of electrically unlocking/locking are:

- It is fail-secure. When power is supplied, the latches retract. When power is shut off, the latches extend, securing the door.
- Works well with power operators because when latches are retracted, the doors can swing free.
- With electric latch retraction, pairs of doors continue to be latched top and bottom.

Electric Latch Retraction and Electric Dogging by Adams Rite

Adams Rite exit devices with electric latch retraction are powered by a solenoid mounted in the pushbar. CVR, SVR and Mortise devices require the PS-LR power supply. Rim devices are powered with a transformer and rectifier or other DC power supply. The Electric Dogging option uses a holding magnet to keep the pushbar depressed and the latch retracted. This offers a lower profile exit device, much less prone to damage. Electric dogging requires only a transformer and rectifier for power.



For more information about Access Hardware Supply and our product lines, please visit us at: www.accesshardware.com. If you do not want to receive any future mailings, please email ahsremove@tsadvertising.com.