

VALUE SERIES®

Electric Latch Retraction with Request to Exit Switch (ER EX)

The Electric Latch Retraction (ER EX) option is designed for entrance and exit doors with panic or fire exit hardware where remote unlocking, remote dogging, access control or automatic door operator is desired.



V40 ER EX 711 BLK Shown

Available with V40 Rim
and V50/V51 Surface
Vertical Rod Exit
Devices

Wide Stile shown, for Narrow Stile, specify NS Option
(for use on 36" and 48" doors with 2" stiles).

Benefits

- Durable design provides years of trouble free protection, saving on replacement costs
- Fits almost any door in any décor
- Controls foot traffic, deters unauthorized exits, prevents loss and meets building code requirements
- Fast and easy installation saves time and money
- Patented mounting plate and strike locator replaces paper templates
- Angled end cap deflects damage away from device

Features

- Continuous Duty Motor - quiet operation
- Momentary or maintained latch and pushpad retraction
- FC3 - Flexible 3' Conduit Kit, mounts to device end cap
- Switches to monitor pushpad
- Voltage - 24VDC

Mechanical Options

- 36 - Fits 36" Door Width (Std.)
- Available with 711 Base Rail Extrusion
- EH8 - Five-knuckle energy transfer hinge - 8 wires
- 48 - Fits 48" Door Width
- LF - Less Flex Conduit
- For full list of available mechanical options, see V40 Series How To Order page
- F - 3-Hour Fire Rated
- FC10 - Flexible 10' Conduit Kit, mounts to device end cap
- H - Hurricane Rated
- PT5 - Concealed mortise mount power transfer
- 99 - Surface Strike (Std.)
- 98 - Semi Mortise Strike

Electrical Options

- 81-800 - 1A Power Supply for single door
- Latch Retraction power supplies are required and sold separately
- 82-800 - 2A Power Supply for pair of simultaneous doors
- 83-800 - 2A Power Supply for two independent doors

Accessories

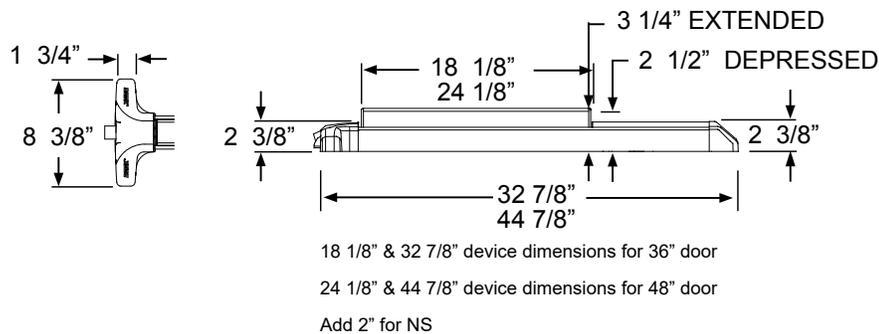
- SN1 - Sex Nut Fasteners
- NSK - Narrow Stile Conversion Kit - Converts V40 to fit narrow stile glass door applications
- Outside Trim (see Value Series Trim Options)

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Technical Information

- Door types – Wood, Hollow Metal, Fiberglass or Aluminum
- Door thickness – fits standard 1-3/4" – 2-1/4"
- Single door stile – fits 3-1/2" minimum stile doors with 99 surface strike (std)
- Machine and self-drilling screws (std)
- Voltage 24VDC
- Minimum wire gauge for 24VDC ER operation (these are minimum requirements – larger gauge wire is acceptable)
 - Up to 50 feet: 20 gauge
 - 51 -400 feet: 18 gauge
 - 401 – 750 feet: 16 gauge
 - 751 – 1000 feet: 14 gauge
- 0.18A to hold push pad and latch retracted
- 1A power supply – 24VDC filtered and regulated power supply
 - 1ER device
 - 2ER devices if devices are staggered by 300mSec
- 2A power supply – 24VDC filtered and regulated power supply
 - 2ER devices
 - 4ER devices if devices are staggered by 300mSec

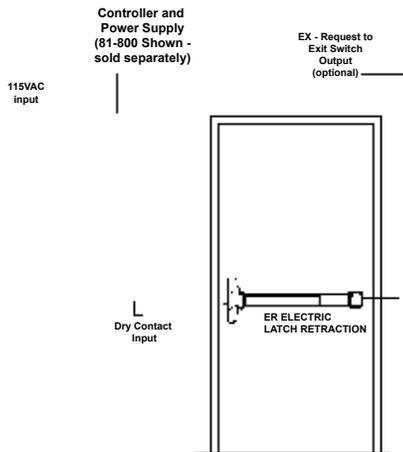
Dimensions



Listings and Approvals

See individual device (i.e. V40 Series) catalog page for fire and panic listings and windstorm ratings/ approvals

Riser Diagram



Detex Limited Warranty

10 Year Mechanical/3 Year Electrical Limited Manufacturer's Warranty

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