

VALUE SERIES®

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

The Weatherized Electric Latch Retraction (ER EX W) function is designed for entrance and exit doors with panic or fire exit hardware exposed to weather environments where remote unlocking, remote dogging, or access control is desired. The ER EX W is listed as a UL panic and fire exit hardware device and conforms to UL 1034-34 Temperature Section 34, UL 1034-54 Dust Section 54, MIL-STD 810F, Method 509.4 (salt fog test), MIL-STD 810F, Method 506.4 (driving rain test) and UBC standard 7-2 (positive pressure). Power supply and controller must be installed in a NEMA 4X enclosure or located in a controlled, moisture-free environment.

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



V40 ER EX W 711 BLK Shown

Benefits

- Works with any type of access control system
- Fast and easy installation saves time and money
- Simultaneous pushpad and latch bolt retraction provides smooth surface with no catch points
- Angled end cap deflects damage away from device
- Provides a means for remote dogging and lock-down for added security in lockdown situations
- Patented mounting plate and strike locator replaces paper templates

Features

- Low voltage with no high current in-rush
- Continuous duty motor for quiet operation - no loud solenoid
- Weatherized switches
- Momentary or maintained latch and pushpad retraction
- FC3W - Weatherized 3' Flex Conduit Kit, mounts to device end cap
- Long term dogging capability
- Coated materials allow use in weather exposed environments
- Simultaneous latch and pushpad retraction

Mechanical Options

- 36 - Fits 36" door widths (std.)
- 48 - Fits 48" door widths
- NS - Fits 2" narrow stile glass door
- F - 3-Hour Fire Rated
- Available with 628 aluminum base rail
- Available with 711 black base rail
- LF - Less Flex Conduit
- FC10W - Weatherized 10' Flex Conduit Kit, mounts to device end cap

For full list of available mechanical options, see How To Order page

Electrical Options

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

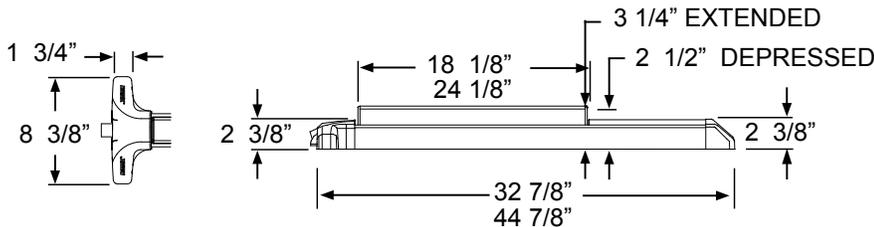
Accessories

- SN1 - Sex Nut Fasteners
- NSK - Narrow Stile Conversion Kit - Converts V40 to fit narrow stile glass door applications

Technical Information

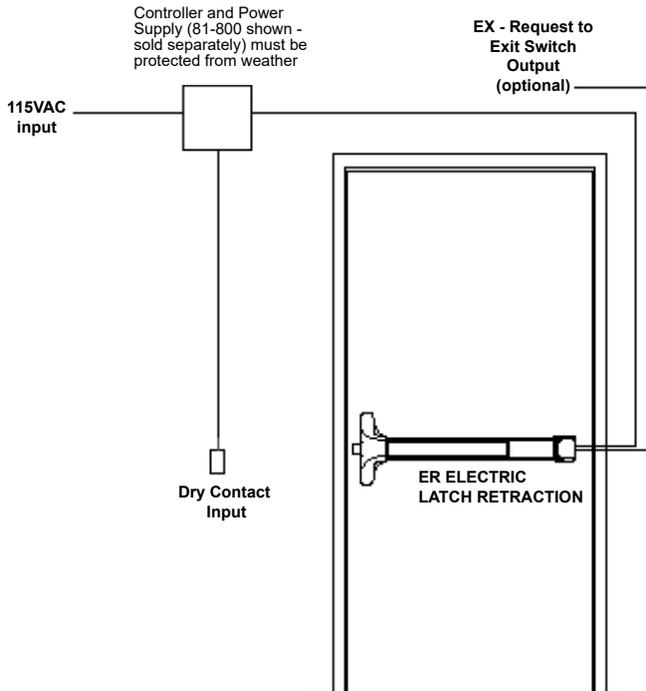
- Door types – Wood, Hollow Metal, Fiberglass or Aluminum
- Door thickness – fits standard 1-3/4" – 2-1/4"
- Single door stile – fits 3-1/2" minimum stile doors with 99 surface strike (std)
- Machine and self-drilling screws (std)
- Voltage 24VDC
- Minimum wire gauge for 24VDC ER operation (these are 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



18 1/8" & 32 7/8" device dimensions for 36" door
 24 1/8" & 44 7/8" device dimensions for 48" door
 Add 2" for NS

Riser Diagram



Listings and Approvals

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

Detex Limited Warranty

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

DETEX[®]
A Century of Security
 1923-2023

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