



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

The 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.



10 Series Rim Exit Device shown

Available with 10/40 Rim  
and 20/21/50/51 Surface  
Vertical Rod Devices



### 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
- Provides a means for remote dogging and lock-down for added security in lockdown situations

### Features

- Low voltage with no high current in-rush
- Continuous duty motor for quiet operation - no loud solenoid
- Coated materials allow use in weatherized environments
- Momentary or maintained latch and pushpad retraction
- Simultaneous latch and pushpad retraction
- Long term dogging capability
- Weatherized switches

### Mechanical Options

- FC3EC1W - Weatherized flexible 3' Conduit Kit, includes EC1 ramped end cap (specify finish)
  - FC3EC2W - Weatherized flexible 3' Conduit Kit, includes EC2 flush end cap (specify finish)
  - FC10EC1W - Weatherized flexible 10' Conduit Kit, includes EC1 ramped end cap (specify finish)
  - FC10EC2W - Weatherized flexible 10' Conduit Kit, includes EC2 flush end cap (specify finish)
- For full list of available mechanical options, see individual device how to order page

## Electrical Options

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

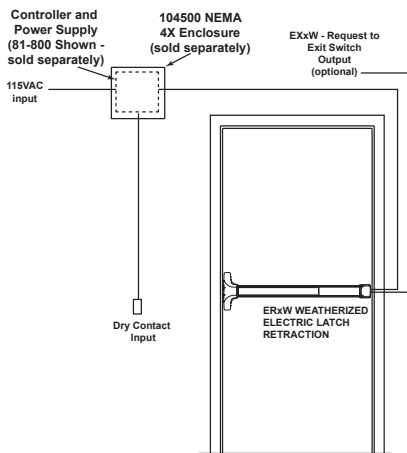
## Technical Information

- Voltage 24VDC
- 2 Amps to retract pushpad and latch
- 200mA to hold pushpad and latch retracted

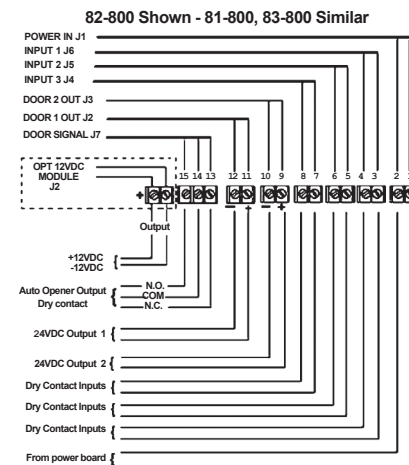
## Device Finishes

605 / US3	Polished Brass	628 / US28	Aluminum Satin	693 / SPBLK	Black, Painted
606 / US4	Brushed Brass	629 / US32	Polished Stainless Steel	695 / SP 313	Dark Bronze, Painted
611 / US9	Polished Bronze				
612 / US10	Brushed Bronze	630 / US32D	Brushed Stainless Steel		
613 / US10B	Oil Rubbed Bronze				

## Riser Diagram



## Riser Diagram



## Listings and Approvals

See individual device (i.e. 10 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

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