



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
- 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
- Fast and easy installation saves time and money

Features

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

Mechanical Options

- FC3EC1W - Weatherized flexible 3' Conduit Kit, includes EC1 ramped end cap (specify finish)
 - FC10EC1W - Weatherized flexible 10' Conduit Kit, includes EC1 ramped end cap (specify finish)
 - FC3EC2W - Weatherized flexible 3' Conduit Kit, includes EC2 flush 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

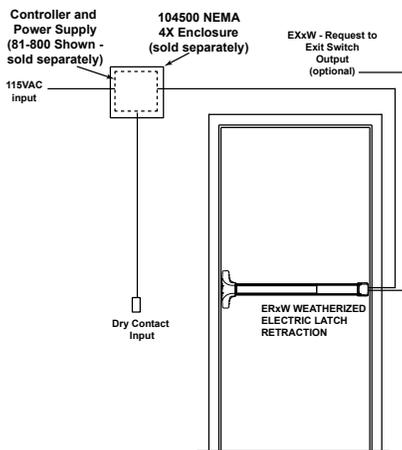
Technical Information

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

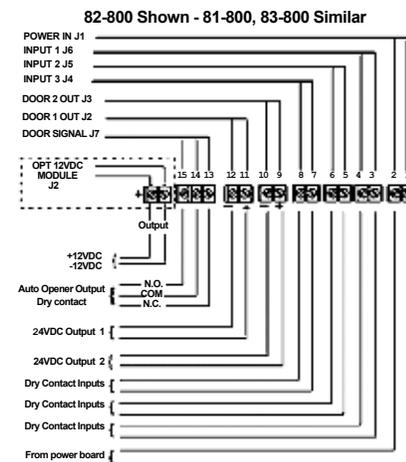
Device Finishes

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	630 / US32D	Brushed Stainless Steel		
612 / US10	Brushed Bronze				
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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A Century of Security
 1923-2023

Detex Corporation
 302 Detex Drive
 New Braunfels, Texas 78130-3045 USA
 PH. (830) 629-2900
 (800) 729-3839
 FAX (800) 653-3839
<http://www.detex.com>
 USA Sales:
marketing@detex.com
 International Sales:
export@detex.com

 Cancer & Reproductive Harm - www.detex.com/prop65