# Series 800

## 84-800 / 85-800

### Logic / Power Supply - Delayed Egress with Latch Retraction

Detex 84-800 and 85-800 are logic and power supply controllers that provide both the electronic logic interface between the delayed egress and latch retraction functions and a secure, consistent power feed to the exit devices. Included with the controller is the Remote Interface Unit (RIU) containing the alarm and keyswitch for the delayed egress.

**84-800**
(single doors)

**85-800**
(pairs of doors)

RIU specified & supplied
with Logic Controller

### Benefits

- Power supply and controller all in one box
- All connections centralized
- Single AC line voltage required to activate
- Allows you to specify and supply the economical 84-800 for single door or 85-800 for 2-door latch retraction, delayed egress applications
- The Series 84-800 and 85-800 products have been engineered to provide superior operation through design integration with electric latch retraction, delayed egress options

### Features

- 84-800 - 1A continuous, controls 1 Detex electric latch retraction, delayed egress (EExER) device for 1 door
- 85-800 - 2A continuous, controls 2 Detex electric latch retraction, delayed egress (EExER) devices for a pair of doors
- Fire alarm input for life safety compliance
- Filtered and regulated 24VDC power protects circuitry from stray power surges and spikes
- Fuse protected
- Connections are labeled to identify circuits
- Can be bypassed or rearmed with key or Access Control
- DSM - Door Signal Module signals Automatic Operators
- Cable harnesses engineered to take guesswork out of making correct point to point connections
- Cable harness lengths allow 84/85-800 enclosures to be located up to 15' from device
- Status LEDs toggle on or off for easy troubleshooting
- Output relay for local and remote alarm

### Mechanical Options

84-800/85-800
- Cover lock key

RIU
- Flush or Surface Mounting
- KS - Key Stop, factory installed

- SSK - Security Screws

### Electrical Options

- RIU - Arming Options:
  3 chirps (Default)
  SA - Silent Arming
  LN - Less Nuisance Alarm
  RKO - Rearm with Key Only
  1 second arming
- M12 - 12VDC @ 300mA module in addition to 24VDC power (eliminates DSM on 85-800)
- ER options powers 1 EExER and 1 ER only Exit device (85-800 only)
- 30 second Delayed Egress - requires written letter from AHJ

### Accessories (RIU)

- MC65 Mortise Cylinder (installed)
- IC7 Interchangeable core housing (installed)

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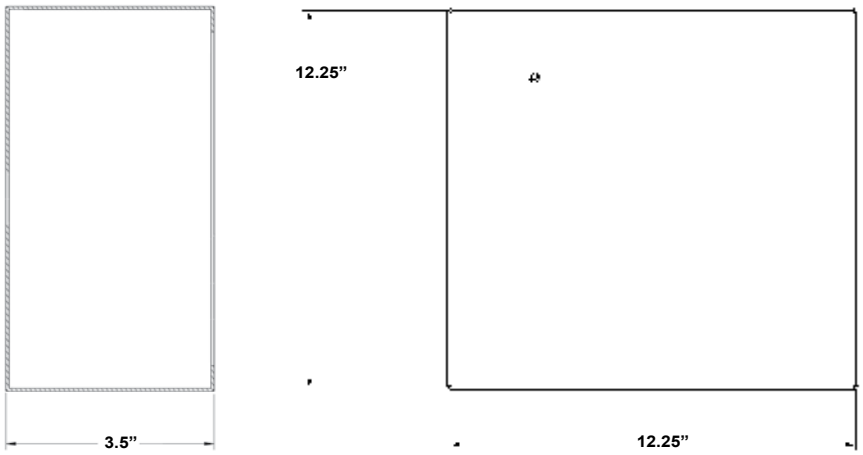
1923-2023

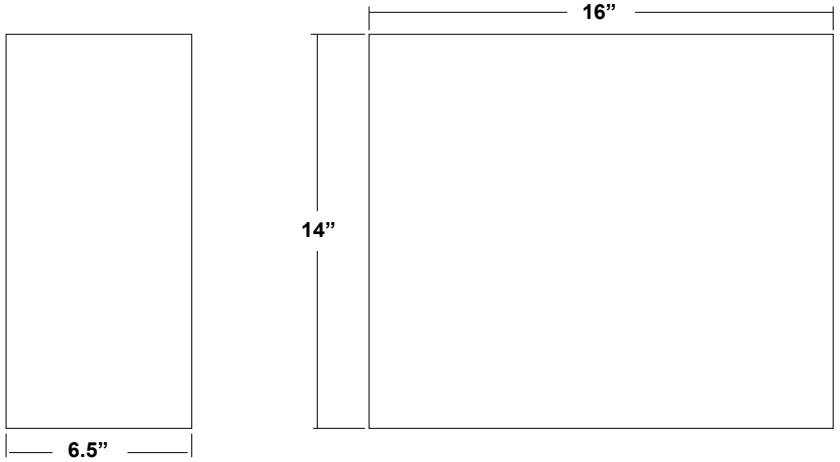
## Technical Information

- 12.25" high x 12.25" wide x 3.5" deep (84-800)
- 14" high x 16" wide x 6.5" deep (85-800)
- 110VAC input
- 24VDC output, 1A (84-800) or 2A (85-800)
- Beige with hinged cover
- 18 gauge steel
- Knockout holes provided for conduit connection
- Machine and Sheet Metal Screws (Std.)

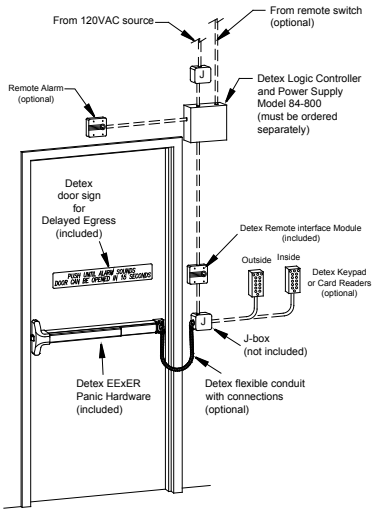
## Dimensions (84-800)




## Dimensions (85-800)

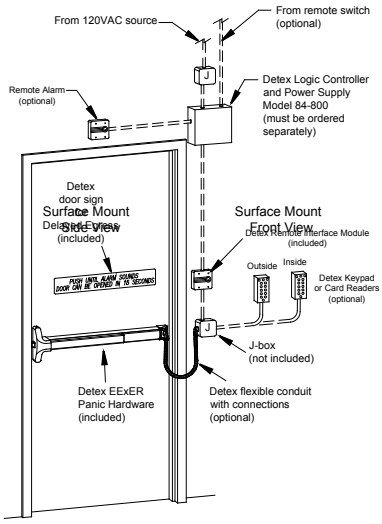



## Riser Diagram




## Dimensions (RIU)

Front and Side View




## Listings and Approvals

UL Listed

ANSI/BHMA certified A156.3

Meets NFPA 80 & 101 for Life Safety, CA Title 19

## Detex Limited Warranty

3 Year Limited Manufacturer's Warranty

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

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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