

Series 800

81-800 / 82-800 / 83-800

Logic / Power Supply - Latch Retraction

Detex Series 800 logic and power supplies convert 120VAC into regulated and filtered 24VDC, providing a secure, consistent, power feed to various electrified door hardware accessories, primarily access control components, such as Detex latch retraction exit devices.



81-800 / 82-800



83-800

Benefits

- Filtered and regulated 24VDC power protects circuitry from stray power surges and spikes
- While others require 2 amp power supplies for single door applications, Detex allows you to specify and supply the economical 81-800 for single door latch retraction applications
- The Series 800 products have been engineered to provide superior operation through design integration with all Detex electric latch retraction options

Features

- 81-800 - 1 AMP continuous, controlling 1 Detex latch retraction (ER) device for 1 door
- 82-800 - 2 AMP continuous, controlling 2 Detex latch retraction (ER) devices for a pair of doors
- 83-800 - 2 AMP continuous, controlling 2 Detex latch retraction (ER) devices for 2 independent doors
- Battery charging circuit included standard (batteries sold separately) - see accessories
- Design provides enough power to cycle Detex latch retraction motor, one time, even if power is lost while attempting to open the door and gain access
- 81-800, 82-800 and 83-800 have standard output used to signal automatic door operators

Mechanical Options

- L - cover lock (cam style) & 2 keys

Electrical Options

- M12 - 12 volt module provides 12VDC power

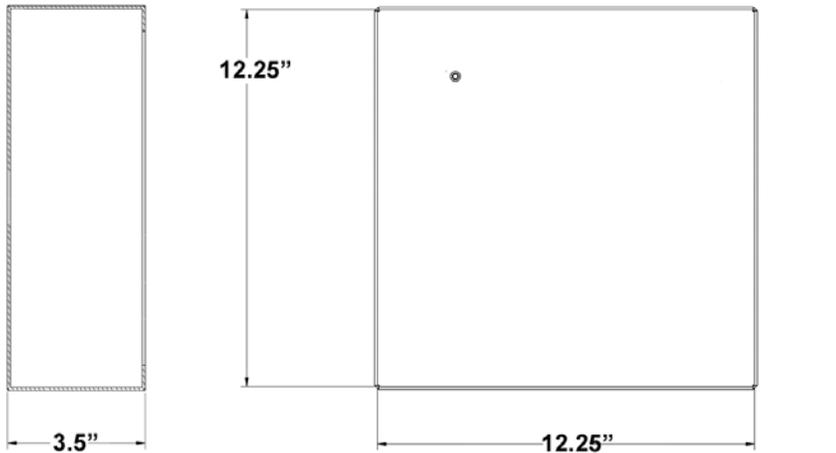
Accessories

- 70-24B - 24VDC 4 AMP hour battery pack

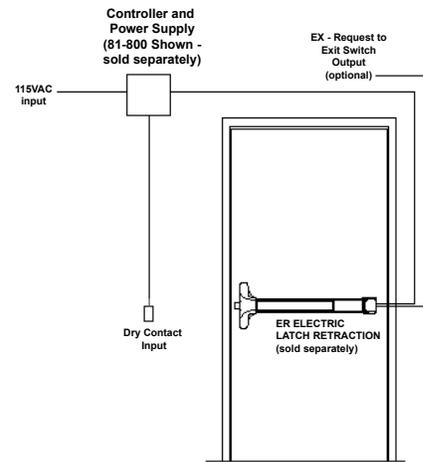
Technical Information

- 12.25" high x 12.25" wide x 3.5" deep
- 18 gauge steel
- Machine and Sheet Metal Screws (Std.)
- Beige with hinged cover
- Knockout holes provided for conduit connection

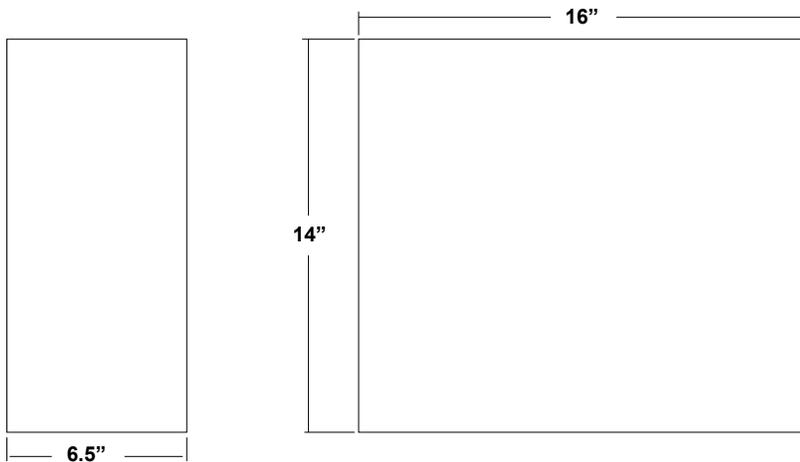
Dimensions (81-800 and 82-800)



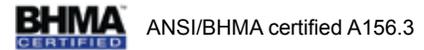
Riser Diagram



Dimensions (83-800)



Listings and Approvals



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

Detex Limited Warranty

3 Year Limited Manufacturer's Warranty

DETEX[®]
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 1923-2023

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