Electromagnetic Locks
Indoor FDH Series (Full Length Housing)
Stylish, Safe, and Secure

Horizontal Configuration
(For Single Door)

Horizontal Configuration
(For Double Door)

Vertical Configuration
(For Single Door - high ceiling door application)

RoHS Compliant CE NF S 61-937

The FDH housing installation includes a base plate and secure top cover. Customers can cut FDH length based on their specific door size or the size of the door opening. Single door and double door product configurations enhance not only door safety but aesthetic attractiveness. The FDH series has selections of 800 lbs, 1200 lbs, 800 lbs x 2 or 1200 lbs x 2 holding force.

Standard Features

- Full length housing for vertical or horizontal configurations
- Operating voltage 12/24 VDC
- Enhance door safety and aesthetically attractive
- Built-in bond sensor

Standard Options

- Built-in door status sensor
- Built-in bi-color status LED indicator
- Relock time delay

Patents, Approvals, and Listings

- NF S 61-937 Compliant
  (For unmonitored models)

How to Order:

FDH-M45MTD-LD

- LD — Large LED (Option)
- Options: DS, Door status sensor; TD, Relock time delay; DT, Door status sensor & Relock time delay
- T — Full length with bond sensor
- M — M: 800lbs, L:1200lbs
- 45 — Model

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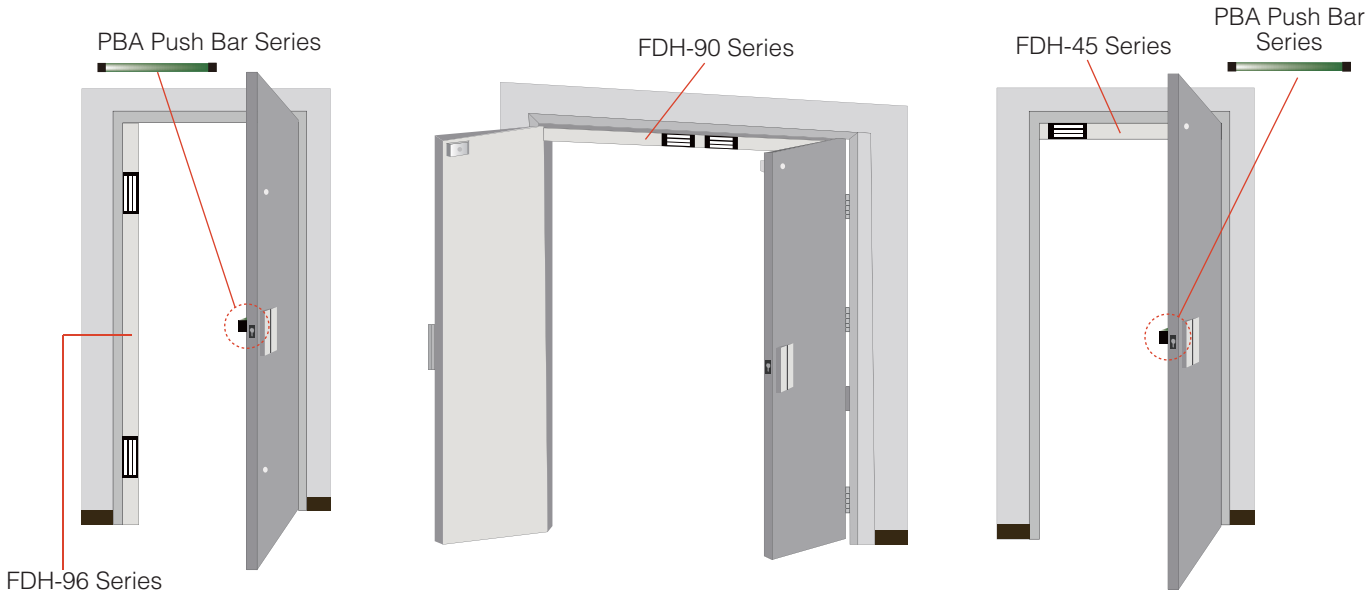
Indoor FDH Series Electromagnetic Locks (Full Length Housing)

Door Type	Models	Holding Force (lbs)	Full Length	Configuration
Single Door	FDH-M39M	800	39" (991mm)	Horizontal
	FDH-M45M	800	45" (1143mm)	
	FDH-L45M	1200	45" (1143mm)	
Double Door	FDH-M90M	800 x 2	90" (2286mm)	Double Horizontal
	FDH-L90M	1200 x 2	90" (2286mm)	
Single Door (For high ceiling door application)	FDH-M96M	800 x 2	96" (2438mm)	Vertical
	FDH-L96M	1200 x 2	96" (2438mm)	
Standard Options	~ DS: Door Status Sensor ~ TD: Relock Time Delay ~ DT: Door Status Sensor + Relock Time Delay ~ TD-LD: Relock Time Delay + LED Indication ~ DT-LD: Door Status Sensor + Relock Time Delay + LED Indication			

Notes:
Standard FDH models are all monitored

Applications

GEM's full length magnetic lock housings are furnished complete with aluminum alloy finishing covers. These housings are offered in three configurations as shown in diagrams below:



Single Door Vertical Configuration (For high ceiling door application)	Double Door Horizontal Configuration	Single Door Horizontal Configuration