

# Securitron® M680E Series Magnalock®

ASSA ABLOY

The global leader in  
door opening solutions



## Discover EcoMag Technology.

When strength and aesthetics matter, the Securitron M680E EcoMag is the most advanced, sustainable electromagnetic lock available.

### Strength, Flexibility & Quick Installation

- Increased 1,200 lbs holding force adds an increased level of security to the access point
- All-in-one optional integrated accessories provide flexibility to customize as needed
- New strike plate mounting template makes installation faster than ever

### Advanced Intelligence

- Optional door prop sensing allows the magnet to de-energize the coil when the door is held open, dropping power as low as 20mA
- Autosensing dual voltage with microprocessor technology
- Optional integrated Door Position Switch and BondSTAT lock sensor

### Sustainable Inside & Out

- Up to 80% decrease in energy consumption over the previous model with average power draw as low as 60mA at 24V
- Sustainability documentation outlines the environmental impact of this product and are available for use in specification requirements
- Completely biodegradable foam packaging insert means less waste



Securitron M680EBDX



Securitron M680EBD



Grade 2



MagnaCare  
Warranty



Auto Sensing  
Dual Voltage  
12/24



PoE  
Friendly

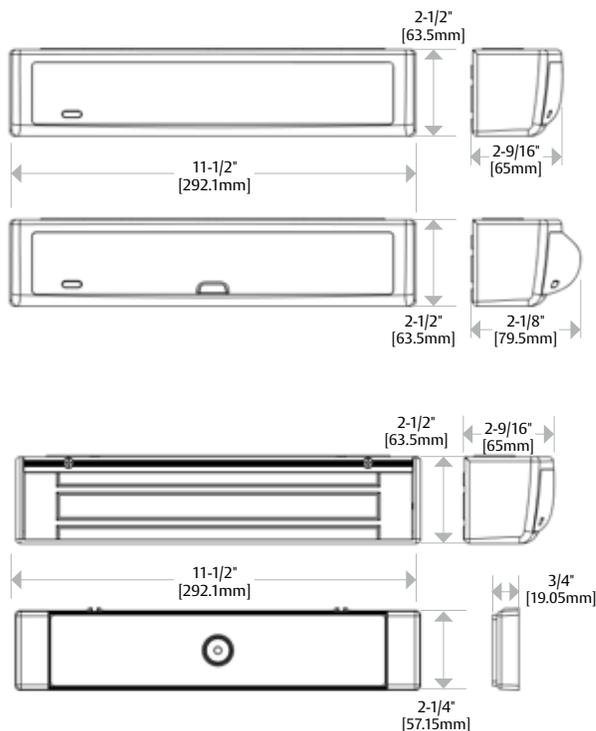


Fire Rated



Preload

## Dimensions



## Specifications

### Certifications

- UL 10C Fire Rated, 1 Hour
- CAN/ULC-S104 Fire Door Conformant
- UL1034 Burglary-Resistant Listed
- UL294 Recognized Component
- ANSI/BHMA A156.23, Grade 2; E18501
- California State Fire Marshal Listed

### Electrical Consumption

- **Maglock Average Power Draw (±10%)**
  - 113mA at 12VDC
  - 52mA at 24VDC
- **Maglock Maximum Power Draw (±10%)**
  - 515mA at 12VDC
  - 290mA at 24VDC
- **REX Power (±10%)**
  - Adds 25mA at 12VDC
  - Adds 10mA at 24VDC

### Holding Force

- 1,200 lbs [544kg]

### Operating Temperature

- 32° to 110°F [0° to 43°C]
- Indoor use only

### Shipping Weight

- 8 lbs [3.6kg]

## Features

### Standard Features

- Sustainability documentation
- Energy efficient, low power usage
- Automatic dual-voltage – no field adjustment required
- LED Indicator shows the lock is secure, open, or has an incomplete bond
- Tamper Switch sends an alarm output if the cover is removed and is selectable to NO or NC
- Available integrated BondSTAT and Door Position Switch
- Autosensing dual voltage with microprocessor technology
- Rust resistant – all ferrous metal surfaces plated for durability
- Adjustable automatic relock timer (0 to 30 seconds) *BD and BDx Only*
- Wire chamber anti-tamper switch
- Size optimized for use with door closers
- MagnaCare® lifetime replacement, no fault, no questions asked warranty

### Optional Features

- **BD** Patented BondSTAT lock sensor and integrated Door Position Switch (DPS) with relock timer
- **X** Integrated passive infrared request to exit

## How to Order

Model Series	Monitoring Options	Accessory Options	Finish Options
<b>M680E</b>	<b>BD</b>	<b>X</b>	<b>– 606</b>
<b>M680E</b> 1,200 lbs	(blank) No Monitoring <b>BD</b> BondSTAT Monitor & Door Position Switch	(blank) No Accessory Options <b>X</b> PIR Request to Exit	<b>628/US28</b> Satin Aluminum Clear <b>600</b> Paintable Primer Gray Finish <b>605/US3</b> Bright Brass <b>606/US4</b> Satin Brass <b>612/US10</b> Satin Bronze <b>613E</b> Dark Oxidized Satin Bronze <b>629</b> Bright Stainless Steel <b>630</b> Satin Stainless Steel <b>BSP</b> Black Suede Powder <b>WSP*</b> White Suede Powder

\*Finish option available soon. Please contact your Sales Representative for product details, availability and pricing.