

# 100 / 200 Series

## Conventional Direct Throw Electric Bolt Locks



**Conventional direct throw bolt locks** are the most basic bolt locks available. All SDC bolt locks are available in failsafe or failsecure operation. Not recommended for wood applications.

**110 and 210 models feature a bolt assembly that is adjustable** forward up to 1" past the face plate to accommodate wide door gaps or special applications

**160 and 260 models feature the same adjustable bolt assembly and are also equipped with an automatic relock ball switch.**

Automatic relock ball switches keep the bolt retracted while the door is open. The door depresses the ball switch on closure, causing the bolt to project automatically, locking the door. Additionally, ball switches are field adjustable to compensate for wide door gap and bidirectional to permit use on swinging and sliding doors.

**180 and 280 models feature a universal surface mount design with an automatic relock switch** to provide controlled access of doors, closets and cabinets.



**110IV  
210HV**



**160IV  
260HV**



**180IV  
280HV**

### MODELS

- 110** Direct Throw Mortise Bolt Lock, Failsafe
- 160** Direct Throw Mortise Bolt Lock, Auto-Relock, Failsafe
- 180A** Direct Throw Surface Mount Bolt Lock, Failsafe
- 210** Direct Throw Mortise Bolt Lock, Failsecure
- 260** Direct Throw Mortise Bolt Lock, Auto-Relock, Failsecure
- 280A** Direct Throw Surface Mount Bolt Lock, Failsecure

### STANDARD FEATURES

- Conventional direct throw design
- Stainless steel bolt
- Field selectable dual voltage
- Voltage and current spike protection
- Power regulator included\*

\* For 180A and 280A models only.



## SPECIFICATIONS

	110	210	160	260	180A	280A
<b>Mount</b>	Mortise	Mortise	Mortise	Mortise	Surface	Surface
<b>Operation</b>	Failsafe	Failsecure	Failsafe	Failsecure	Failsafe	Failsecure
<b>Bolt</b>	1/2" Diameter Stainless Steel	1/2" Diameter Stainless Steel	1/2" Diameter Stainless Steel	1/2" Diameter Stainless Steel	1/2" Diameter Stainless Steel	1/2" Diameter Stainless Steel
<b>Bolt Throw</b>	1/2", Adjustable	1/2", Adjustable	1/2", Adjustable	1/2", Adjustable	1/2"	1/2"
<b>Faceplate</b>	2 3/4" x 1 1/4" x 1/4"	2 3/4" x 1 1/4" x 1/4"	4 7/8" x 1 1/4" x 1/8"	4 7/8" x 1 1/4" x 1/8"	-----	-----
<b>Strike</b>	2 3/4" x 1 1/4" x 1/8"	2 3/4" x 1 1/4" x 1/8"	4" x 1 1/4" x 1/8"	4" x 1 1/4" x 1/8"	-----	-----
<b>Backset</b>	5 1/4"	5 1/4"	5 1/4"	5 1/4"	-----	-----
<b>ID Requirements</b>	2 3/4" x 1/4" x 4 5/8"	2 3/4" x 1/4" x 4 5/8"	4 7/8" x 1 1/4" x 4 5/8"	4 7/8" x 1 1/4" x 4 5/8"	-----	-----
<b>Housing</b>	-----	-----	-----	-----	2" x 2" x 6"	2" x 2" x 6"
<b>Strike Block</b>	-----	-----	-----	-----	2" x 2 1/4" x 1"	2" x 2 1/4" x 1"
<b>Weight</b>	2 lbs	2 lbs	2 lbs	2 lbs	3 lbs	3 lbs
<b>Input</b>	12/24 VDC ± 10%	12/24 VDC ± 10%	12/24 VDC ± 10%	12/24 VDC ± 10%	12/24 VDC ± 10%	12/24 VDC ± 10%
<b>Current Draw</b>	900 mA @ 12 VDC 450 mA @ 24 VDC	900 mA @ 12 VDC 450 mA @ 24 VDC	900 mA @ 12 VDC 450 mA @ 24 VDC	900 mA @ 12 VDC 450 mA @ 24 VDC	900 mA @ 12 VDC 450 mA @ 24 VDC	900 mA @ 12 VDC 450 mA @ 24 VDC

## HOW TO ORDER

### FOLLOW STEPS FOR ORDERING

 Designates optional step

#### FAILSAFE OPERATION

##### 1| SPECIFY MODEL

- 110** Direct Throw Mortise Bolt Lock, Failsafe
- 160** Direct Throw Mortise Bolt Lock, Auto-Relock, Failsafe
- 180A** Direct Throw Surface Mount Bolt Lock, Failsafe

##### 2| SPECIFY FUNCTION

- I** Failsafe

##### 3| SPECIFY FINISH

- V** 628 Dull Aluminum 

STEP NUMBER:	1	2	3
ORDERING EXAMPLE:	<b>160</b>	<b>I</b>	<b>V</b>

#### FAILSECURE OPERATION

##### 1| SPECIFY MODEL

- 210** Direct Throw Mortise Bolt Lock, Failsecure
- 260** Direct Throw Mortise Bolt Lock, Auto-Relock, Failsecure
- 280A** Direct Throw Surface Mount Bolt Lock, Failsecure

##### 2| SPECIFY FUNCTION

- H** Failsecure

##### 3| SPECIFY FINISH

- V** 628 Dull Aluminum 

STEP NUMBER:	1	2	3
ORDERING EXAMPLE:	<b>280A</b>	<b>H</b>	<b>V</b>

## RELATED PRODUCTS

### REPLACEMENT POWER REGULATORS

Power regulators reduce the power consumption of the bolt locks after activation of the lock, allowing for a heat reduction to the bolt lock.

**PR-1000** Bolt Lock Power Regulator, 3 3/4" x 1 1/4" x 1/2"



### DOOR POSITION STATUS (DPS)

Magnetic door contacts and electromechanical ball switch assemblies provide a means of monitoring door status.

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