

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.

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

160I and 260H 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.

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

MODELS

- 110I** Direct Throw Mortise Bolt Lock, Failsafe
- 160I** Direct Throw Mortise Bolt Lock, Auto-Relock, Failsafe
- 180AI** Direct Throw Surface Mount Bolt Lock, Failsafe
- 210H** Direct Throw Mortise Bolt Lock, Failsecure
- 260H** Direct Throw Mortise Bolt Lock, Auto-Relock, Failsecure
- 280AH** 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.



**110I
210H**

**160I
260H**

**180AI
280AH**




SPECIFICATIONS

	110I	210H	160I	260H	180AI	280AH
Mount	Mortise	Mortise	Mortise	Mortise	Surface	Surface
Operation	Failsafe	Failsecure	Failsafe	Failsecure	Failsafe	Failsecure
Bolt	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
Bolt Throw	1/2", Adjustable	1/2", Adjustable	1/2", Adjustable	1/2", Adjustable	1/2"	1/2"
Faceplate	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"	-----	-----
Strike	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"	-----	-----
Backset	5 1/4"	5 1/4"	5 1/4"	5 1/4"	-----	-----
ID Requirements	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"	-----	-----
Housing	-----	-----	-----	-----	2" x 2" x 6"	2" x 2" x 6"
Strike Block	-----	-----	-----	-----	2" x 2 1/4" x 1"	2" x 2 1/4" x 1"
Weight	2 lbs	2 lbs	2 lbs	2 lbs	3 lbs	3 lbs
Input	12/24 VDC ± 10%	12/24 VDC ± 10%	12/24 VDC ± 10%	12/24 VDC ± 10%	12/24 VDC ± 10%	12/24 VDC ± 10%
Current Draw	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

1| SPECIFY MODEL

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

2| SPECIFY FINISH

- V** 628 Dull Aluminum  Standard

STEP NUMBER:	1	2
ORDERING EXAMPLE:	160	V

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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