**MODELS:**
A10EL-1/AC10ELAO1/AC10TREL-1/AC10EL-2
A10ELS/A10ELSAO/A10TRELS/A10ELS-2

Electronic Lock
Withstands up to 250 pounds of force
Available standard lock/unlock, Auto-Open, and electronic touch release.
With and without subversion protection feature

**APPLICATION:** Provides an easy-to-install method to secure and control access to doors and other openings. This product is covered by U.S. (8,328,299), and various patents pending.

**Finish:** Zinc and black polymer
**Height:** 2.18" [55.4 mm]
**Length:** 2.79" [70.9 mm]
**Thickness:** .50" [12.7 mm]
**Mounting Hardware:** #8 pan head screw

**Features:**
- Electronic locking mechanism with manual override
- Withstands up to 250 pounds of force
- Installation jig assists positioning for doors
- 10EL: Lock/Unlock, with a detent (open manually)
- 10ELAO: Auto-Open (automatically opens and propels doors or drawers open about 2" when unlocked)
  Note: Auto-Open action works best with auto-lock feature.
  Free swing hinges are recommended for Auto-Open best performance.
- 10TREL: Electronic touch release and electronic lock.
  Note: Mechanism propels doors or drawers open when activated by touch.
  Free swing hinges are recommended for Touch Release best performance.
- 10EL-2: Standard lock/unlock, for doors or drawers with soft-close hinges or drawers with soft-close slides.

100% Guaranty the secure status output from Pin 1 only occurs when the catch is in the locked position and the lock is secure.
Installation Instructions

Overlay Doors

1. Locate lock assembly by placing the installation jig against the edge of the cabinet at the position desired (Figure 1).
2. Attach the lock assembly to the cabinet using the appropriate mounting screws for your application (Figure 1).

**WARNING!** Before installing the lock, you must have access to the manual override lever or the activation device connected. Otherwise, you will not be able to unlock and open the door.

3. Install the cable to the connector located at the back of the lock assembly. Perform the electrical installation and make sure the lock assembly locks and unlocks properly before closing the door (Figure 2).

4. Remove one side of the backing from the double-sided tape and apply the tape to the door strike component.
5. With the lock in the closed position, peel the backing off of the double-sided tape on the door strike component.
6. Close the door and firmly apply pressure to ensure the door striker adheres to the door (Figure 3).
7. Disengage the lock from its closed position using the activation device or manual override.
8. Open the door and remove the installation jig. Attach the door striker using the appropriate flat-head mounting screws for your application (Figure 4).

Inset Doors

1. Drill pilot holes into your cabinet according to Figure 5. Be sure to take panel thickness into consideration.
2. Drill pilot holes into the door according to Figure 6.
3. Install the cable to the connector located at the back of the lock assembly. Perform the electrical installation and make sure the lock assembly locks and unlocks properly before closing the door.
4. Fasten lock and door strike respectively, using the appropriate mounting hardware for your application. See Figures 6 and 7.
Technical Data

Power Requirements and Connectors

**SM08B-GHS-TB**

<table>
<thead>
<tr>
<th>Connector</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>PWR (+5VDC to +24VDC)</td>
</tr>
<tr>
<td>7</td>
<td>PWR (-) Ground</td>
</tr>
<tr>
<td>6</td>
<td>Trigger / See Note 3</td>
</tr>
<tr>
<td>5</td>
<td>Drawer Status</td>
</tr>
<tr>
<td>4</td>
<td>For Touch Release only when locks are used in pairs</td>
</tr>
<tr>
<td>3</td>
<td>For internal use only, do not use*</td>
</tr>
<tr>
<td>2</td>
<td>For internal use only, do not use*</td>
</tr>
<tr>
<td>1</td>
<td>Lock Status</td>
</tr>
</tbody>
</table>

**Example of drawer and lock status connection using LED’s. Pin 4 & 1 maximum rating 30VDC@500mA**

**Technical Data**
- **Voltage Supply:** +5VDC to +24VDC
- **Current Consumption:** 50 mA/200 ms@12VDC (Unlocking/Locking)

**Micro-Switch Specifications**
- **Mechanical Life:** 300,000 cycles
- **(Drawer Contact “DC”)**
- **(Lock Contact “LC”)**

**Notes:**
1. Drawer status output:
   - Drawer open: switch = “ground”
   - Drawer closed: switch = “open”
2. Lock status output:
   - Lock is unlocked: = “ground”
   - Lock is locked: = “open”
3. +5VDC to +24VDC at Pin 6 will unlock the Electronic Lock. The Electronic Lock will remain unlocked until +VDC is removed.
4. (*) 2 & 3 are used for Accuride Access Control, do not use.
ACCURIDE ® ACCESS CONTROL WARRANTY

Accuride warrants its access control products will conform at the time of delivery to specifications expressly agreed to in writing by Buyer and Accuride. Accuride warrants its access control products will be free from defects and workmanship during the warranty period. Shipping costs incurred in returning such nonconforming products shall be borne by Accuride. Accuride agrees to replace nonconforming products covered under this warranty for a period of one (1) year from the date of delivery to Buyer. This warranty does not cover products which have been damaged due to misuse, improper installation, or unauthorized repair or alteration. This warranty is for replacement of the defective product only and does not include the cost of removal, installation, or other incidental charges. At its option, Accuride may credit Buyer for an amount not to exceed the original price paid for such products.

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These terms are governed by the laws of the State of California. For any claims arising between Buyer and Accuride, the parties agree to submit to the exclusive jurisdiction of the Superior Court of Los Angeles County, California.

Accuride Int.
Att: Accuride Access Control
Accuride/AH Romero
Calexico, Ca. 92231

Packaging Options

D pack: Each individual electronic lock is packaged in a box which includes an installation jig, double sided tape.

Bulk pack (P): Full box quantities, includes 10 electronic locks.

Optional Kits

Proximity Kit: One proximity kit per each Senseon System. Part number ACPROX-US-Kit1.
The kit includes:
- 1 Cards
- 1 Program Guide
- 1 Reader Holder
- 1 DC Power Cable
- 1 Reader Splitter Cable
- 1 AC Cord
- 2 Power Supply Holders
- 12 Cable Clips

Hub Kit: One Hub kit per cabinet opening (drawer or door). Modular wiring kit part number ACHUBX-KIT1.
The kit includes:
- 1 Hub Assembly
- 2 Hub to Lock Cable
- 4 Cable Clips
- 6" Double Stick Tape

Linking Cables: To connect multiple banks of lock openings.
- Top Linking ACLINK-TOP-KIT1
- Bottom Linking ACLINK-BTM-KIT1

Extension Cables: Available in 4 lengths
- 6" SECLXLX-6-KIT1
- 12" SECLXLX-12-KIT1
- 24" SECLXLX-24-KIT1
- 120" ABELX-120

Specifications

Lock: Zinc and black polymer.
All components are RoHS compliant.

NOTE: Specifications, materials, prices, terms, and delivery are subject to change without notice.

Ordering Instructions

A10EL-1 (Open Manually)
AC 10EL AO1 (Auto-Open-option)
AC 10TREL-1 (Electronic Touch Release)
AC10EL-2 (for Soft Close products)

Subversion Protection Models
S models include subversion protection
A10ELS
A10ELSAO
A10ELS-2

Complete your lock order by specifying the following:

20 each AC 10EL-S2
8 each AC 10TRELS-1
20 each AC 10ELS AO1

Packaging

For the most current technical information please visit www.accuride.com