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

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

**Finish:** Clear electroplate (C)

**Lengths:** 12"–28" [300 mm–700 mm]

**Note:** cabinet depth must include an additional 3" to allow room for the locking mechanism and wiring at the back of the slide.

**Load Rating:** Up to 100 lbs. [45.5 kg] per pair*

**Travel:** Full extension

**Disconnect:** Handed lever disconnect

**Height:** 1.80" [45.7 mm]

**Height w/Lock:** 2.50" [63.5 mm]

**Side Space:** 0.50 +0.031/-0.0 [12.7 mm +0.8/0.0] or 1/2 + 1/32

**Mounting Hardware:** #8 pan head screw

**Features:** Electronic locking mechanism with manual override. Lock withstands up to 250 pounds of force.

**Options:**
- Lock/Unlock (opened manually)
- Auto-Open (propelled open about 2" when unlocked)

**Manual Override:** * Only available on 24"–28" lengths.

**Min Gap for Connector:** 1/4" [6.4 mm]

**Part Number** | Slide Length | Length w/Lock | Travel | A | B | C | D | E | F  
---|---|---|---|---|---|---|---|---|---
A38EL-XX12 | 11.81 [300] | 14.61 [371] | 12.00 [305] | **12.60 [320]**
A38EL-XX18 | 17.72 [450] | 20.51 [521] | 18.00 [457] | **17.64 [448]**
A38EL-XX20 | 19.68 [500] | 22.48 [571] | 20.00 [506] | **18.90 [480]**
A38EL-XX28 | 27.56 [700] | 30.36 [771] | 28.00 [711] | **21.42 [544]**

**Models S = Subversion Protection Feature**

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

* Load rating based on 18" slides mounted in a 24" wide drawer cycled 50,000 times.
Slide Installation

Install Cabinet Member

1. Separate the slide members by first actuating the manual override located on the locking mechanism.
2. Then, lift the disconnect lever to release the inner (drawer) member.
3. Overlay drawer front:
   - Conventional mounting, see Figure 2.
   - 32 mm system mounting, see Figure 3.

IMPORTANT:

- Be sure the interior cabinet depth allows for an additional 3" beyond the length of the slide to provide room for the locking mechanism and wiring (Figure 1). See the chart below for minimum cabinet depth. For inset drawers, be sure to provide sufficient cabinet depth to allow slide setback.
- Slides will not function properly if side space is less than .50" [12.7 mm]. For optimum performance, construct drawer 1-1/16" [27.0 mm] smaller than the opening of the cabinet.

<table>
<thead>
<tr>
<th>Slide Length</th>
<th>Min. Cabinet Depth</th>
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<tbody>
<tr>
<td>16&quot;</td>
<td>19&quot;</td>
</tr>
<tr>
<td>18&quot;</td>
<td>21&quot;</td>
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<tr>
<td>20&quot;</td>
<td>23&quot;</td>
</tr>
<tr>
<td>22&quot;</td>
<td>25&quot;</td>
</tr>
</tbody>
</table>

WARNING! Before installing the drawer, insure you have access to the lock’s manual override lever or the activation device must be connected and working properly. Otherwise, you will not be able to unlock the slide and open the drawer.

IMPORTANT:

- Be sure the interior cabinet depth allows for an additional 3" beyond the length of the slide to provide room for the locking mechanism and wiring (Figure 1). See the chart below for minimum cabinet depth. For inset drawers, be sure to provide sufficient cabinet depth to allow slide setback.

4. Inset drawer front:
   Slide setback is the thickness of the drawer front plus 1/8" [3.2 mm].

5. Use only the 32 mm system holes or the wood screw holes located at the tip of the breathing tabs. Do not use any other holes on the cabinet member for mounting (Figure 4).

Figure 1. A38EL Components and Interior Cabinet Depth

The slide is connected to the activation device. The activation device is connected to the powersource, which powers the activation device and locking mechanism. The activation device and the power supply are included in the Proximity Kit ACPROX-US-Kit1 (optional)

Figure 2. Conventional mounting - Cabinet

Figure 3. 32 mm system mounting - Cabinet

Figure 4. Cabinet Member Fastener Locations

Use all mounting tabs to achieve load rating.

Install Drawer Member

1. See Figure 5 for drawer member setback.
2. Install the drawer member with a screw through the cam adjuster and a screw through a hole or slot at the rear (see Figure 5).
### Technical Data

#### Power Requirements and Connectors

- **Wiring Schematic**
- **Connector**
- **Circuit Controller**
- **PWR (+5VDC to +24VDC)**
- **PWR (-) Ground**
- **Trigger : See Note 3**
- **For Touch Release when locks are used in pairs**
- **Drawer Status**
- **For internal use only, do not use**
- **Lock Status**
- **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@12VCD (Unlocking/Locking)

**Micro-Switch Specifications**

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

**Notes:**

1. Drawer status output:
   - Drawer open: = “ground”
   - Drawer closed: = “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. (*) Pin 2 & 3 are used for Accuride Access Control, do not use.
D Pack: A pair of slides is package in a box, which includes one locking and one non-locking electronic locks.

Bulk Pack (P): Full box quantity, package in a larger box with 4 individual boxes with a pair of A38EL e-locks each.

**Optional Kits**

**Proximity Kit**: One proximity kit per each Senseon system.  
Part number ACPROX-US-Kit1.

The kit includes:
- 1 Cards
- 1 Programming 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 and 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 ACLKN-TOPT-KIT1
Bottom Linking ACLKN-BTMT-KIT1

**Extension Cables**: Available in 4 lengths
- 6” ACCBLLX-6-KIT1
- 12” ACCBLLX-12-KIT1
- 24” ACCBLLX-24-KIT1
- 120” ABLEL-120

**Specifications**

Slide members and ball retainers: Cold rolled steel
Ball bearings: Carburized steel/acetal polymer
Lock: Zinc and black polymer
RoHS compliant

**Slide Ordering Instructions**

A38EL AO XXP (Auto-Open-option)  
A38EL XXP (Lock/Unlock)  
A38ELS  
A38ELSAO

Complete your slide order for A38EL by specifying the following:

<table>
<thead>
<tr>
<th>8 prs</th>
<th>A</th>
<th>C</th>
<th>38EL AO</th>
<th>14</th>
<th>P</th>
</tr>
</thead>
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**Packaging Options**

**ACURIDE ® 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.

There are no express warranties by Accuride other than stated herein. No warranties by Accuride (other than title) shall be implied or otherwise created under any applicable law, including but not limited to a warranty of merchantability and warranty of fitness for a particular purpose.

**LIMITATION OF LIABILITY**

To the extent permitted by law, Accuride shall not be responsible for, and Buyer hereby assumes the risk of, and hereby releases Accuride for any damages or injuries whatsoever (including, without limitation, incidental or consequential damages, damages for lost profits or business interruption, and punitive damages) caused by or related to any use of Accuride products, regardless of any error, omission, interruption, defect, failure of performance, delay in operation or transmission, even if Accuride has previously been advised of such damages. Notwithstanding the foregoing, Accuride's total liability to Buyer for all losses, damages and causes of action, whether in contract, equity or tort, including negligence and gross negligence, shall not exceed the amount equal to the aggregate price paid for product purchased by Buyer.

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 International Inc.  
Attn: Accuride Access Control Technical Services  
Accuride/AF Romero  
Calexico, CA 92231

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