Glass Solutions
Brought to you by ASSA ABLOY

The global leader in
door opening solutions
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As the industry leader in door security, innovation, and design, ASSA ABLOY offers a complete line of commercial hardware solutions for all glass entrances and partitions, including: patch fittings, door rails, sliding and folding systems, architectural pulls, and mechanical and electrified locking products. Tested in our state-of-the-art, BHMA-certified lab, our products meet the most rigorous testing standards.

Our Glass Solutions program offers the convenience of placing a consolidated order with same day shipping and support from dedicated technical and customer service experts.
Glass Solutions Program Information

The ASSA ABLOY Glass Solutions program offers the convenience of placing a single order, with one shipment, from multiple ASSA ABLOY brands.

Customer Service/Technical Product Support

For Glass Solutions questions please contact us via phone or email.

Call: 855-594-6989

Email: CustomerService.GlassSolutions@assaabloy.com or TechSupport.GlassSolutions@assaabloy.com

Hours of Operation

Customer Service and Technical Support: 8:00 am - 4:30 pm EST

Ordering

To place an order:

Fax: 844-851-8665

Email: Orders.GlassSolutions@assaabloy.com

Website: www.assaabloyglass.us

Lead Time

Lead times will vary. Orders containing stock items will ship within 48 hours of order acknowledgment. Lead times for non-stock items will change based on complexity and quantity. Standard stock rails and headers will ship within 72 hours. Products such as the glass panic device will ship within approximately 10 days. Expected ship dates will be listed on the acknowledgment.

Part Number Structure

Our part numbers were designed to facilitate ease of ordering and ensure all products are tied to the coordinating job. Each part number specifies the product family, glass thickness (if applicable), and finish.

Glass Thickness Sizing Codes

<table>
<thead>
<tr>
<th>Glass Thickness</th>
<th>Size Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8” A</td>
<td></td>
</tr>
<tr>
<td>1/2” B</td>
<td></td>
</tr>
<tr>
<td>9/16” C</td>
<td></td>
</tr>
<tr>
<td>5/8” D*</td>
<td></td>
</tr>
<tr>
<td>11/16” E*</td>
<td></td>
</tr>
<tr>
<td>3/4” F*</td>
<td></td>
</tr>
<tr>
<td>13/16” G*</td>
<td></td>
</tr>
</tbody>
</table>

*Currently not available. Product in development.

Finishes**

<table>
<thead>
<tr>
<th>US Code</th>
<th>ANSI/BHMA Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>28</td>
<td>628</td>
<td>Clear Anodized Aluminum</td>
</tr>
<tr>
<td>314</td>
<td>n/a</td>
<td>Extra Dark Anodized Aluminum</td>
</tr>
<tr>
<td>(314E)</td>
<td>n/a</td>
<td>Extra Dark Anodized Equivalent</td>
</tr>
<tr>
<td>32D</td>
<td>630</td>
<td>Satin Stainless Steel</td>
</tr>
<tr>
<td>32</td>
<td>629</td>
<td>Bright Stainless Steel</td>
</tr>
</tbody>
</table>

**Special finishes considered upon request
Glass Door Styles and Handing

There are four basic configurations of glass doors as established by the Glass Association of North America (GANA). For the available variations of each style, refer to the Glass Door Configuration section.

- **P**
  - Full door rail top and bottom

- **BP**
  - Full door rail bottom and patch fitting top

- **A**
  - Patch fitting top and bottom

- **F**
  - Patch fitting top and bottom with patch lock

Door Handing and Swing

Exterior

- 6 LH
- 4 LHR

Interior

- 5 RH
- 3 RHR

Exterior

- 1 RHD
- 2 LHD
Sustainability

Sustainability is the natural translation of ASSA ABLOY’s Corporate Cornerstones: vision, realism, courage, and ethics. These cornerstones have been central to the Group’s development since its creation in 1994. The environment, business ethics, and social responsibility are critical issues and are an integral part of our ASSA ABLOY society. Our unconditional aim is to make sustainability a central part of our business philosophy and culture; and even more importantly, to integrate sustainability into our overall business strategy.

Daylighting

There are many attributes to a sustainable built environment such as daylighting. Daylighting is the process of bringing natural light and direct sunlight into the a building through windows, skylights and interior glass. Exposure to natural light helps improve occupant health, happiness, productivity, and well-being, while decreasing total building energy costs by almost a third.

Glass

Glass creates openness in a space. In an office environment, openness promotes happiness, creativity, and communication, which are important aspects of good design. In creating a modern atmosphere, glass never looks old or outdated. Being more durable than most materials, glass has longevity that offers an ideally cost-effective solution. Also, glass applications are easily configured, allowing flexibility in any design. At ASSA ABLOY, we believe good design is more than just tangible; good design is imperceptible.
Door Rails

ASSA ABLOY Door Rails offer ease of installation with dependable quality. These pre-assembled mechanical rails have a variety of fabrication options to create a customized solution that fits any application.
Door Rails

Features
- Dry glaze pre-assembled mechanical rails
- One-piece compression system for easy, fast installation
- Tested in a variety of simulated and real-life scenarios to ensure holding power
- Matching sidelite rails offered
- Precision, custom fabrication for compatible hardware
- No additional charge for non-standard lengths
- Locking option available on most configurations
  - Lock body installed; cylinder, thumbturn, and dustproof strike ordered separately
- Adjustable blocking for standard hardware provides left to right field alignment
- 4’ tapered 10” square door rails meet ADA requirements

Specifications
Rail Options:
- (B) - bottom rail
- (T) - top rail
Rail Lengths:
- 35 1/4” Standard - single door
- 35 13/16” Standard - double door
- Custom lengths available
Door Thickness: 3/8", 1/2", and 9/16"
Material:
- Aluminum body
- Bright or satin stainless steel cladding
Finish:

Door Rail Styles
Square 2 3/4” Rail (DRS-275)

Square 2 3/4” Rail Compatible Parts
- Floor Closer/Pivot Insert (DRC-275)
- Top Pivot Insert (DRP-275)
- Overhead Closer Insert (DOHC-275)
Square 4" Rail (DRS-4)

Square 6" Rail (DRS-6)

Tapered 4" Rail (DRT-4)

Square 10" Rail (DRS-10)
Door Rail Compatible Parts
(For 4", 6" and 10" rails)

- Adjustable End Load Bottom Pivot (PV-ENDLOAD)
- Walking Beam Pivot (PV-WALKBEAM)
- Bottom Door Rail Lock (DR-BTMLOCK)
- 1" Cylinder (DR-LOCKCYL)
- Thumbturn (DR-LOCKTT)
- Floor Closer Arm (FC-6275/6280-ARM)
- Offset Floor Closer Arm (FC-6275/6280-OFFARM)
- End Load Overhead Closer Arm (OHC-609-ARM)
- Dust Proof Strike (570)
- Cylinder Cam

ASSA ABLOY
The global leader in door opening solutions
Sidelite Glazing Hardware

Sidelite Rails and U-Channels are designed to preserve the clean, modern appearance of glass walls and sidelites. ASSA ABLOY offers an assortment of sizes in aluminum and stainless steel finishes.
Sidelite Rails

Sidelite Rails maintain a seamless, consistent appearance when used with matching door rails. Available in standard or custom lengths, the dry-glaze installation is fast and efficient.

Product Features

- Provides aesthetic continuity when used with coordinating door rails
- Standard pre-fit, dry-glaze, black vinyl; gray vinyl option for 1/2" glass only
- Roll-in gasketing alternative (black only)
- Variety of reversible saddles offered for fluctuating clearances and out-of-tolerance openings

Specifications

Materials

- Aluminum body
- Bright or satin stainless steel cladding

Glass Thickness

1/6", 1/3", and 1/16"

System Components

- Cut-to-length or 12' stock lengths available
- 4" aluminum setting blocks included with bottom rails
- End caps sold separately

Finishes


Sidelite Rail Styles

Square 2 3/4" Rail (SRS-275)
Sidelite Rail Styles (continued)

Square 4" Rail (SRS-4)

Tapered 4" Rail (SRT-4)

Square 6" Rail (SRS-6)

Square 10" Rail (SRS-10)
Saddles

SAS-1500x125
- 1/8" H x 1 1/2" W
  (3 mm H x 38 mm W)
- Non-reversible
  2 1/2" (70 mm) rail only

SAR-1500x188/375
- 3/16" and 3/8" H x 1 1/2" W
  (5 mm and 10 mm H x 38 mm W)
- Reversible
  2 1/2" (70 mm) rail only

SAS-1875x125
- 1/8" H x 1 7/8" W
  (3 mm H x 48 mm W)
- Non-reversible

SAR-1875x188/375
- 1/16" and 1/8" H x 1 7/8" W
  (5 mm and 10 mm H x 48 mm W)
- Reversible

SAR-1500x500/625
- 1/2" and 5/8" H x 1 1/2" W
  (13 mm and 16 mm H x 38 mm W)
- Reversible
  2 1/2" (70 mm) rail only

SAR-1875x500/625
- 1/2" and 5/8" H x 1 7/8" W
  (13 mm and 16 mm H x 48 mm W)
- Reversible

SAR-1500x250/750
- 1/4" and 3/4" H x 1 1/2" W
  (6 mm and 19 mm H x 38 mm W)
- Reversible
  2 1/2" (70 mm) rail only

SAR-1875x250/750
- 1/4" and 3/4" H x 2" W
  (6 mm and 19 mm H x 51 mm W)
- Reversible

Gasketing*

GD-PREFIT-B
Pre-fit 1/4" glass

GD-PREFIT-A
Pre-fit 3/8" glass

GD-ROLLIN-B
Roll-in for 1/4" glass

GD-WEDGE-B
Wedge for 1/2" glass
(not offered on Sidelite Rails)

*Gasketing options apply to both Sidelite Rails and U-Channels.
U-Channels

U-channels secure glass into position and create a continuous, minimal profile that allows the maximum amount of natural light to enter the room.

Product Features

- Easy and efficient to install
- Lengths:
  - 12’ stock or custom
  - Anodized: 90” maximum
  - Hat Channel: 10’ white powder coat only
- Standard pre-fit, dry-glaze, black vinyl; gray vinyl option for ¼” glass only
- Wet/dry glaze channel (gasketing not standard)
  - Wedge gasket available
  - Can be used with silicone
  - End caps sold separately

Specifications

<table>
<thead>
<tr>
<th>Materials</th>
<th>Aluminum body</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glass Thickness</td>
<td>⅛”, ⅜”, and ⅜”</td>
</tr>
</tbody>
</table>

U-Channel Styles

**Dry U-Channels**

UCD-0687x1625

UCD-1625x1625

UCD-1625x1875

**Wet/Dry U-Channels**

UWD-1000x1000

UWD-1500x1000

UWD-2000x1000

UWD-HAT-1750x1000

ASSA ABLOY

The global leader in door opening solutions
Headers

ASSA ABLOY’s state-of-the-art equipment and skilled, in-house engineering services, quickly and effectively produce intricate header configurations to support any glass door solution.
Headers

Headers conceal hardware for glass door systems. They house a range of products such as closers, strikes, mag locks, and pivots. Our Glass Solutions program offers a collection of solid, floating, and two-piece header systems for doors and sidelites.

Product Features

- Two-piece, snap-fit headers for standard hardware applications
  - No exposed fasteners provide easy access while maintaining clean aesthetics
- Solid tube headers fabricated for complex hardware applications
- Floating headers available
- All hardware mounting brackets and clips come pre-installed
- All headers prepped by machining centers
- Vinyl gasketing for all sidelite applications
- No additional charge for non-standard lengths

Finishes


Header Types

Overhead Closer Header

Pivot Header

Sidelite Header

Solid Headers

HDS-1750x4000

HDS-1750x4500

HDS-2000x2000

Pivot, Overhead Closer and Sidelite Headers

HDR-1750x4000

HDR-1750x4500

HDS-2000x6000
Patch Fittings

ASSA ABLOY provides patch fittings for doors, sidelites, and transoms, offering designers and architects a complete selection of products for most frameless glass configurations.
Patch Fittings

With a maximum door weight of 300 lbs., our patch fitting design is manufactured to meet the industry standard and deliver the ultimate in strength and reliability.

Product Features

- Manufactured for industry standard dimensions
  - Standard glass prep
  - 2 1/4" pivot centerline
- Snap-on cover
- Bottom patch lock available
  - 5-Pin cylinder, 1" length
- Used with monolithic or laminated glass
- Synthetic gasketing provides ultimate durability

Specifications

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Maximum Door Weight:</strong></td>
<td>300 lbs. (42&quot; maximum door width)</td>
</tr>
<tr>
<td><strong>Door Thickness:</strong></td>
<td>3/4&quot; to 9/16&quot;</td>
</tr>
</tbody>
</table>
| **Material:**        | Stainless steel inserts
|                      | Aluminum body
|                      | Aluminum or stainless steel cover
| **Finishes:**        | US32D/630, US32/629, US28/628, 314

Door Patch Fittings

Bottom Patch (PFD-10)

- Floor Closer/Pivot Insert (included) (PFD-10INS)
- Functions with 6275/6280 Tapered Floor Closer Spindle

Top Patch (PFD-20)

- Top Pivot Insert (included) (PFD-20PIVINS)

Compatible Parts

- Floor Mount Pivot (PF-FM-PIVOT)
- Adjustable Pivot (PF-ADJ-PIV)
- Surface Mount Pivot (PF-SM-PIVOT)
- Walking Beam Pivot (PV-WALKBEAM)
## Door Patch Fittings (continued)

**Top Patch (PFD-22)**
- Overhead Closer Insert (included) (PFD-22OHCINS)

![PFD-22OHCINC](image)

**Patch Lock (PFD-100)**
- Round Bolt Dead Bolt Lock
- Available with 1” cylinder and thumbturn

![PFD-100](image)

**Compatible Part**
- Dust Proof Strike (570)

### Transom Patch Fittings

- Pivot Insert (included) (PFT-34/40/41-PIVINS)
- Compatible Parts: PFD-20BC

**Transom Patch with Wall Bracket (PFT-34)**

![Pivot Insert (PFT-34/40/41-PIVINS)](image)

**Sidelite Transom Patch (PFT-40)**

![PFT-40](image)

**Optional Inserts**

- Blank Insert (PFT-34/40/41-BLANKINS)
- Stop Insert (PFT-34/40/41-STOPINS)

**Sidelite Transom Fin Patch (PFT-41)(Handed)**

![PFT-41](image)
Transom Patch Fittings (continued)

Sidelite Transom Patch (PFT-60)
- Included: Stop Insert (PFT-60/70-STOPTAB)
  Blank Insert (PFT-60/70-BLANKTAB)

Sidelite Transom Fin Patch (PFT-61) (Handed)
- Included: Stop Insert (PFT-60/70-STOPTAB)
  Blank Insert (PFT-60/70-BLANKTAB)

Sidelite Transom Stop Patch (PFT-62)

Transom Stop Patch (PFT-70)
- Included: Stop Insert (PFT-60/70-STOPTAB)
  Blank Insert (PFT-60/70-BLANKTAB)

Transom Connector Fin Patch (PFT-71)
Sidelite Patch Fittings

Sidelite Connector Patch (PFS-80)

Sidelite 90° Angle Patch (PFA-90)

Sidelite Fin Patch (PFS-81)

Sidelite 90° Short Angle Patch (PFA-90-SH)

The global leader in door opening solutions
Panic Devices

Combine safety and elegance with ASSA ABLOY Glass Panic Devices. The engraved push area and boundary grooves make exit doors stand out in a crowd. The panic device has keyed and non-keyed functions, six standard exterior pull options, and a selection of finishes, providing customizable design. Whether choosing a manual or electric strike, this line provides beauty, security, and peace of mind.
Panic Devices

Product Features
- Top latching panic device with easy align security latch
- Engraved latch lines ensure proper engagement with strike
- Post mount design matches Rockwood architectural pulls
- Keyed and non-keyed options
- Six standard exterior pull options
- Dogging feature
- Engraved push area and boundary grooves allow for enhanced visibility and tactility
- Less than 5 lbs. of force to activate device

Specifications

| Panic Device: | • PDU8000 |
| Functions | • Keyed |
| | • Passage (dogging standard) |
| Glass Thickness | • 1/2" to 3/4" thick standard |
| | • Non-standard thickness, specify |
| Dimensions | Grip diameter: 1\(\frac{1}{4}\)" |
| | Vertical: (crash bar to top of tube): |
| | • 28\(\frac{1}{4}\)" min; 73" max |
| | Horizontal: |
| | • 15\(\frac{1}{4}\)" min; 48" max |
| | Projection: |
| | • 2\(\frac{1}{4}\)" Panic side |
| | • 3\(\frac{1}{4}\)" Mating pull side |
| Materials | Stainless steel |
| Applications Types | • Glass mounted |
| | • Rail mounted |
| Handing | • Right-hand reverse (swing 3) |
| | • Left-hand reverse (swing 4) |

Cylinder Options

<table>
<thead>
<tr>
<th>Code</th>
<th>Mortise Cylinder</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Mortise Cylinder</td>
</tr>
<tr>
<td>02</td>
<td>7-pin SFIC Housing w/Construction Core</td>
</tr>
<tr>
<td>03</td>
<td>Special Order (keyed alike)</td>
</tr>
<tr>
<td>04</td>
<td>Customer Supplied Cylinder</td>
</tr>
<tr>
<td>05</td>
<td>Dummy Cylinder Housing</td>
</tr>
<tr>
<td>06</td>
<td>Non-Keyed Function (blank escutcheon plate provided)</td>
</tr>
</tbody>
</table>

Engraved Push Area Finish Options*

Split finish – 32D device; 32 push area (infill optional)

<table>
<thead>
<tr>
<th>Finish</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>White paint</td>
<td></td>
</tr>
<tr>
<td>Black paint (standard)</td>
<td></td>
</tr>
</tbody>
</table>

*For custom colors, contact factory.

Sold Through

Authorized Channel Partner

ASSA ABLOY

The global leader in door opening solutions
PDU8000 Exterior Pull Options

No Mating Pull

Full-Height L-Shaped Pull (-1)

Half-Height L-Shaped Pull (-2)

Full-Height Straight Pull (-3)

Half-Height Straight Pull (-4)

Short Centered Straight Pull (-5)

Horizontal Straight Pull (-6)

Strike Options

Single Manual (MSK-SGL)
- Fail Safe/Fail Secure
- Folger Adam 310-1-3/4

Double Manual (MSK-DBL)

Single Electric (ESK-SGL)
- Fail Safe/Fail Secure
- Folger Adam 310-1-3/4

Double Electric (ESK-DBL)
- Fail Safe/Fail Secure
- Folger Adam 310-1-3/4
Sliding Door Hardware

ASSA ABLOY presents an updated and aesthetically-pleasing twist on a classic idea that allows you to transform a simple doorway into a stylish focal point, while recovering the in-swing and out-swing space required for hinged doors.
Pemko Stainless Steel Sliding Track Hardware Systems

The Pemko stainless steel sliding track hardware line offers multiple weight options, compatibility with Rockwood Pulls, and custom track lengths to fit most application. This line is perfect when flexibility is a must in a sliding track hardware system.

Features

- Nylon-coated wheels provide smooth, quiet operation
- Hangers contain anti-rise pin preventing door lifting from track
- For glass doors up to 240 lbs.
- Five styles of door hangers that suite with Rockwood door pulls

Specifications

<table>
<thead>
<tr>
<th>Maximum Door Weight:</th>
<th>198 lbs. to 240 lbs. depending upon hanger style</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door Thickness:</td>
<td>For glass doors 3/8” to 1/2” thick</td>
</tr>
<tr>
<td>Base Material:</td>
<td>Stainless steel track and hangers</td>
</tr>
<tr>
<td></td>
<td>Nylon coated rollers</td>
</tr>
<tr>
<td>Patents, Approvals, Listings:</td>
<td>Meets performance requirements of ANSI/BHMA 156.14, Grade 1, for sliding doors by exceeding 100,000 cycles in operation</td>
</tr>
<tr>
<td>System Components:</td>
<td>Stainless steel track (6’6” or 8’2”), with end caps</td>
</tr>
<tr>
<td></td>
<td>Hangers (2)</td>
</tr>
<tr>
<td></td>
<td>Wall brackets</td>
</tr>
<tr>
<td></td>
<td>Door bottom guide (1)</td>
</tr>
<tr>
<td></td>
<td>Track stops (2)</td>
</tr>
<tr>
<td></td>
<td>Mounting and installation hardware</td>
</tr>
</tbody>
</table>

Specifications for glass doors up to 240 lbs.

Options

- G60 Door Weight
  - Up to 198 lbs.
  - Hanger Height: 3 5/8”
- G70 Door Weight
  - Up to 240 lbs.
  - Hanger Height: 3 11/16”
- G80 Door Weight
  - Up to 198 lbs.
  - Hanger Height: 3 11/16”
- G90 Door Weight
  - Up to 198 lbs.
  - Hanger Height: 4 1/16”
- G100 Door Weight
  - Up to 198 lbs.
  - Hanger Height: 3 5/8”

Flush Pull Options

- Door Thickness: 3/8” to 1/2”
- Dimensions: 2 3/4” diameter

FP-Open  FP-Closed
Door Pulls

Comfortable grip, soft leather, and sleek form. A few words to describe our striking Rockwood door pulls. With endless design options to choose from, our pulls will add contemporary beauty to any door opening.
Rockwood Decorative Door Pulls

Product Features
- Solid stainless steel pulls
- Made with high quality, choice materials including leather and Santoprene™
- Heavy duty mounting features hex drive for positive tightening and oversized fasteners for superior strength
- Custom leather colors available on special order
- Suites with door hardware from other ASSA ABLOY Group brands
- Full line of Rockwood door pulls available (see Rockwood Architectural Pull catalog)

Specifications

| Projection: | 3” |
| Grip Diameter: | Round 11/4”  | Square 3/4” - 1½” |
| Over Length: | Up to 96” available |

Mounting Hardware Options:
- Back-to-back, heavy duty (BTBHD)
- Decorative thru bolt, heavy duty (DTBHD)

Door Thickness: 1/4” to 1”
Base Material: Stainless steel

Leather Options:
- English bridle leather
  - B-LBN (Light Brown)
  - B-BUR (Burgundy)
  - B-MBRN (Medium Brown)
  - B-DLB (Dark Brown)
  - B-RLK (Black)
- Upholstery leather
  - U-DLB (Dark Brown)
  - U-RLK (Black)

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Finishes</th>
<th>Mounting Hardware Options</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>RM2510</td>
<td>SoftMet Santoprene™ Grip</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RM3210/RM3401</td>
<td>NeoMax Post Mount GripZone</td>
<td>US32/629</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RM6010/RM6061</td>
<td>English Bridle Leather Surface Wrapped</td>
<td></td>
<td></td>
<td>Specify Leather Color</td>
</tr>
<tr>
<td>RM7910</td>
<td>GeoMetek Narrow Profile</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Rockwood Decorative Door Pulls (continued)

- RM2110
- RM2510
- RM3301
- RM3210/RM3401
- RM6010/RM6061
- RM3210/RM3401
- RM6310
- RM7910

ASSA ABLOY

The global leader in door opening solutions
Rockwood Door Pulls

Product Features

- Solid stainless steel inserts brazed into ends provide solid surface area for mounting systems
- Lighter weight tubular pulls reduce environmental impact
- Heavy duty mounting features hex drive for positive tightening and oversized fasteners for superior strength

Specifications

**Pull Bar Projection:**
- 3½" stainless steel
- 3" aluminum

**Push Bar Projection:**
- 2½"

**Grip Diameter:**
- 1"

**Door Thickness:**
- ¼" to 1"

**Base Material:**
- Stainless steel, aluminum

**Finishes:**

Part Numbers

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Center-to-Center</th>
<th>Overall Length</th>
<th>Mounting Hardware Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>110-RKW</td>
<td>Straight Door Pulls</td>
<td>8&quot;</td>
<td>9&quot;</td>
<td>BTB - Back-to-Back</td>
</tr>
<tr>
<td>111-RKW</td>
<td>Straight Single Bar Sets</td>
<td>8&quot;</td>
<td>9&quot;</td>
<td>BTB/DTB - Back-to-Back/Decorative Thru Bolt</td>
</tr>
<tr>
<td>112</td>
<td>Note: Solid door pull. For Tubular, reference &quot;T&quot; in front of part number.</td>
<td>10&quot;</td>
<td>11&quot;</td>
<td>HDBTB - Heavy Duty Back-to-Back</td>
</tr>
<tr>
<td>118</td>
<td>Note: Solid door pull. For Tubular, reference &quot;T&quot; in front of part number.</td>
<td>12&quot;</td>
<td>13&quot;</td>
<td>DTB - Decorative Thru Bolt</td>
</tr>
<tr>
<td>11047</td>
<td>Straight Door Pulls</td>
<td>18&quot;</td>
<td>19&quot;</td>
<td>HDBTB/DTB - Heavy Duty Back-to-Back/Decorative Thru Bolt</td>
</tr>
<tr>
<td>11147</td>
<td>Straight Single Bar Sets</td>
<td>10&quot;</td>
<td>11&quot;</td>
<td></td>
</tr>
<tr>
<td>11247</td>
<td>Note: Solid door pull. For Tubular, reference &quot;T&quot; in front of part number.</td>
<td>12&quot;</td>
<td>13&quot;</td>
<td></td>
</tr>
<tr>
<td>11847</td>
<td>Note: Solid door pull. For Tubular, reference &quot;T&quot; in front of part number.</td>
<td>18&quot;</td>
<td>19&quot;</td>
<td></td>
</tr>
</tbody>
</table>
Door Controls

ASSA ABLOY door control solutions offer precision control, making interaction with the door almost effortless. Our product design is proven to be easy to install and maintain, with a long-life of reliability, and ASSA ABLOY door closers and operators are tested for compliance with the latest code requirements.
RIXSON 609 Overhead Concealed Door Closer

The 609 offers reliable control of interior and exterior doors, while offering the minimal appearance preferred by top designers. A compact, cast iron body makes Rixson’s 609 an easy fit for a wide range of applications and able to withstand abuse.

Product Features
- Medium-duty cast iron closer
- Adjustable spring size 1-3
- Double acting
- Center hung
- End load arms
- Non-handed
- Optional hold open assembly built into closer
- Separate closing and latching valves
- 5 mm extended spindle
- All weather fluid

Specifications

**Closer: OHC-609**
- 90° Back stop, non-hold open (OHC-609-90NHO)
- 90° Back stop, hold open (OHC-609-90HO)
- 105° Back stop, non-hold open (OHC-609-105NHO)
- 105° Back stop, hold open (OHC-609-105HO)
- Closer mounting clips pre-installed into finished header tube (header specified separately)

**Maximum Door Weight:**
- 200 lbs.

**Maximum Door Width:**
- Interior 42”
- Exterior 36”

**Base Material:**
- Cast iron body
- Radial ball bearing bottom pivot

**Dimensions:**
- 11 1/4” x 3 3/4” x 1 1/2”

**Finishes:**

**Patents, Approvals, Listings:**
- Meets ANSI/BHMA A156.4, Grade 1
- UL / cUL listed for use on fire rated doors
- UL10C listed for positive pressure fire test
- Barrier free operation to comply with Federal Accessibility Standards (ADA); center pivoted applications comply with ANSI A117.1

**Accessories**
- Mounting Clips (OHC-609-MC)
- End Load Arm (OHC-609-ARM)

**Pivot Options**
- Door Rail Adjustable Endload Bottom Pivot (PV-ENDLOAD)
- Patch Fitting Floor Mounted Pivot (PF-FM-PIVOT)
- Patch Fitting Adjustable Pivot (PF-ADJ-PIV)
RIXSON 6280 Floor Closer

Ideal for larger, heavier doors where ANSI Grade 1 reliability and durability are required. Whether used offset or center hung, the 6280 concealed floor closer offers a minimal appearance that can fit the needs of a variety of openings.

Product Features
- Heavy-duty cast iron closer
- Adjustable spring size 3-6
- Double acting
- Center or offset hung
- Non-handed
- Separate closing, latching, and backcheck/DA valves
- Closer adjustable within cement case
- All weather fluid
- Variable hold open position (80-175 degrees)
- Variable delayed action
- Variable length 3° offset or straight spindles
- Stainless steel cover plate
- Walking beam or 3/4” offset top pivot

Specifications

<table>
<thead>
<tr>
<th>Closer Body with Cement Case:</th>
<th>FC-6280</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Door Weight:</td>
<td>660 lbs.</td>
</tr>
<tr>
<td>Maximum Door Width:</td>
<td></td>
</tr>
<tr>
<td>• Interior 54”</td>
<td></td>
</tr>
<tr>
<td>• Exterior 48”</td>
<td></td>
</tr>
<tr>
<td>Base Material:</td>
<td></td>
</tr>
<tr>
<td>• Cast iron closer body</td>
<td></td>
</tr>
<tr>
<td>• Stainless steel cover plate</td>
<td></td>
</tr>
<tr>
<td>• Zinc plated steel cement case</td>
<td></td>
</tr>
<tr>
<td>Patents, Approvals, Listings:</td>
<td>ANSI standard A156.4, Grade 1</td>
</tr>
<tr>
<td></td>
<td>UL/cUL listed for use on fire rated doors</td>
</tr>
</tbody>
</table>

Pivot Options
- Walking Beam Pivot (PV-WALKBEAM)
- Patch Fitting Surface Mounted Pivot (PF-SM-PIVOT)
- 3/4” Offset Top Pivot (PV-180)
RIXSON 6275 Floor Closer

The perfect solution for smaller doors where the durability and minimal aesthetic of a concealed floor closer are necessary. Highly adaptable and able to be offset or center hung, the 6275 can fit the needs of nearly any light opening.

Product Features
- Heavy-duty cast iron closer
- Adjustable spring size 1-4
- Double acting
- Center or offset hung
- Non-handed
- Variable length 3° offset or straight spindles
- Separate closing and latching valves
- Closer adjustable within cement case
- All weather fluid
- Stainless steel cover plate
- Walking beam or 3/4” offset top pivot

Specifications

<table>
<thead>
<tr>
<th>Closer Body with Cement Case FC-6275:</th>
</tr>
</thead>
<tbody>
<tr>
<td>90° Hold open (FC-6275-90HO)</td>
</tr>
<tr>
<td>105° Hold open (FC-6275-105HO)</td>
</tr>
<tr>
<td>105° Non-hold open (FC-6275-105NHO)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Maximum Door Weight:</th>
</tr>
</thead>
<tbody>
<tr>
<td>330 lbs.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Maximum Door Width:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interior 42”</td>
</tr>
<tr>
<td>Exterior 36”</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Base Material:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cast iron body</td>
</tr>
<tr>
<td>Stainless steel cover plate</td>
</tr>
<tr>
<td>Zinc plated steel cement case</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Finishes:</th>
</tr>
</thead>
<tbody>
<tr>
<td>US26/625, US32D/630, 314E</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Patents, Approvals, Listings:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA compliant</td>
</tr>
</tbody>
</table>

Pivot Options
- Walking Beam Pivot (PV-WALKBEAM)
- Patch Fitting Surface Mounted Pivot (PF-SM-PIVOT)
- 3/4” Offset Top Pivot (PV-180)
RIXSON 28 Single-Acting Center Hung Floor Closer

Floor closers provide the best mechanical means to support and control a door with a concealed aesthetic that is also vandal resistant. The 28 floor closer’s heavy-duty construction, including one-piece spindles, offers additional support to better handle heavier and/or high-traffic doors.

Product Features
- Center hung
- Single acting, handed
- Separate and independent closing, latching, and backcheck valves
- Built-in positive dead stop
- Hold open options available
- Available with floor plate or threshold installation (floor plate shown)
- Extended spindles available in \( \frac{1}{2} \)" increments up to 2" longer than standard

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Closer</td>
<td>FC-28, FC-PH28</td>
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<tr>
<td>Maximum Door Weight</td>
<td>350 lbs.</td>
</tr>
<tr>
<td>Maximum Door Size</td>
<td>4’0” x 8’6”</td>
</tr>
<tr>
<td>Base Material</td>
<td>Cycolac, rustproof cement case</td>
</tr>
<tr>
<td>Finishes</td>
<td>US26D/626, 314E</td>
</tr>
<tr>
<td>Patents, Approvals, Listings</td>
<td>Meets ANSI/BHMA A156.4, Grade 1 requirements</td>
</tr>
</tbody>
</table>

Options
- Selective hold open:
  - (90S) 90° Hold open
  - (105S) 105° Hold open
  - (PH) Factory set - 5 lbs. (Interior); 8-1/2 lbs. optional (Exterior) (available upon request)

Pivot Options
- Walking Beam Pivot (PV-WALKBEAM)
Pivots

RIXSON 370 Center Hung Pivot Set

Pivot sets provide the best possible means of hanging a door. They are designed to work with the laws of physics to provide long-lasting performance and reliability. The 370 center hung pivot set offers a minimized aesthetic.

Product Features

- Standard top pivot 340 included
- Bottom pivot mounts directly to floor
- Pivot set features sealed bearings for protection against weather and debris
- Available with extended spindles in $\frac{1}{2}$ increments up to 2” longer than standard

Specifications

- Maximum Door Weight: 500 lbs.
- Maximum Door Size: 3’8” x 8’6”
- Base Material: Brass, steel, and cast iron
- Patents, Approvals, Listings: Meets ANSI/BHMA A156.4, Grade 2 requirements
- Part Number: PV-370

RIXSON 180 Offset Top Pivot

- Standard top pivot for most offset pivot sets and floor closers
- $\frac{1}{2}$ (19 mm) offset
  (measured from centerline of pivot to face of door)
- Full Mortise
- Non-handed
- Finishes: US32D/630
- Part Number: PV-180
Pivots (continued)

Adjustable Pivot (PF-ADJ-PIVOT)

Floor Mount Pivot (PF-FM-PIVOT)

Adjustable End Load Bottom Pivot (PV-ENDLOAD)
Pivots (continued)

Walking Beam Pivot - Header (PV-WALKBEAM)

Walking Beam Pivot - Door Rail (PV-WALKBEAM)

Surface Mount Pivot (PF-SM-PIVOT)
NORTON 5710 Low Energy Power Operator

This operator installs in minutes rather than hours and consists of three basic components: inverter, motor and door closer body. Norton's 5710 can function as a standard door closer, allowing the door to be opened manually and closed automatically due to the internal door closer spring force.

Product Features

- Pull side mounting unit
- Operates as mechanical surface closer during closing cycles, when door is opened manually, or if power is turned off
- Easy-to-install and set up
- Non-handed
- Obstruction detection (open)
- Unit activation options include wall switches, motion sensors & radio frequency device
- External On/Off switch
- Features NORTON 1601 Series Door Closer
  - Adjustable hydraulic backcheck
  - Adjustable hold-open: 0 to 30 seconds
  - 2-year warranty

Specifications

**Operator:** OP-5710

**Power Input:** 120VAC, 60Hz

**Current Draw:** .6A

**Relay Output:** SPDT - N.O./N.C. (jumper)

**Base Material:** Steel

**Dimensions:**
- Body with cover: 29" x 5 1/4"
- Body projection: 4 3/8"
- Track assembly: 23"

**Finishes:** US28/689, US20/690

**Patents, Approvals, Listings:**
- ANSI/BHMA A156.19 certified
- Meets ANSI/BHMA A156.4 requirements
- UL / cUL listed for use on fire rated doors
- UL10C listed for positive pressure fire test
- Complies with the Americans with Disabilities Act (ADA)
- This product is manufactured in an ISO 9001 facility
NORTON 5710 Low Energy Power Operator
(continued)

Accessories

#679 Signage Kit (supplied standard)

700 Wave to Open Switch
- Single-gang and double-gang packaged together
- Sensor requires movement for activation
- Variable relay – hold time from 0-35 seconds
- Range 0” to 4”
- Dimensions:
  - 3” W x 4½” H (single)
  - 4½” W x 4½” H (double)

Activating Door Switches
- 6” W x 6” H
- 9 volt battery
- 15 amp @ 125 VAC
- Flush mounted
- Stainless steel with blue letters
- 531 and 533 - radio frequency (433MHz).
  Used with RF option and 539. Surface mount boxes are included.
- 505 and 506 - hard wired*. Surface mount boxes are not included. If required, specify:
  - 555 - 6” square surface mount box
  - 557 - 6” round surface mount box.
*Switches may also be installed with single or double gang electrical box using fasteners included.
Mechanical Locking Hardware

Good design and security go hand-in-hand with our mechanical locking options. ASSA ABLOY offers a variety of locks and dead bolts to secure your opening.
Rockwood Locking Door Pulls

The Locking Pull System integrates a contemporary post mount style door pull with a dead bolt locking system. Engineered for smooth attachment, the locking pull is manufactured to ensure strength and durability with clean and appealing lines.

Product Features

- Key operated from outside; turn piece on inside
- Multiple locking options: up, down or both
- Bolt location: 2" from face of door to centerline of bolt
- Bolt has $\frac{13}{16}"$ travel with fine adjustment
- Horizontal push/pull bar option
- Dummy versions available
- Designed to suite with Rockwood architectural door pulls and accessories

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pull Projection:</td>
<td>$2\frac{5}{8}&quot;$</td>
</tr>
<tr>
<td>Cylinder Projection:</td>
<td>$3\frac{1}{2}&quot;$</td>
</tr>
<tr>
<td>Grip Diameter:</td>
<td>$1\frac{1}{4}&quot;$</td>
</tr>
<tr>
<td>Center-to-Center and Overall Length:</td>
<td>Specify</td>
</tr>
<tr>
<td>Mounting Hardware:</td>
<td>Back-to-back (BTB)</td>
</tr>
<tr>
<td>Door Thickness:</td>
<td>For glass doors $\frac{3}{8}&quot;$ to $\frac{7}{8}&quot;$ thick (alternate thicknesses available upon request)</td>
</tr>
<tr>
<td>Base Material:</td>
<td>Stainless steel</td>
</tr>
<tr>
<td>Thumbturn Options:</td>
<td>• Large thumbturn; specify ADA</td>
</tr>
<tr>
<td></td>
<td>• Standard thumbturn</td>
</tr>
<tr>
<td>Locking Pull Model Options:</td>
<td>• DBU (half-height, dead bolt up)</td>
</tr>
<tr>
<td></td>
<td>• DBD (half-height, dead bolt down)</td>
</tr>
<tr>
<td></td>
<td>• FHU (full-height, bolt up)</td>
</tr>
<tr>
<td></td>
<td>• FHD (full-height bolt down)</td>
</tr>
<tr>
<td></td>
<td>• PMPB (horizontal push/pull bar; available on DBU and DBD models only)</td>
</tr>
</tbody>
</table>

Cylinder Options

- **Code 02** Small format interchangeable door housing, 7-pin (SFIC)
- **Code 03** Small format interchangeable core housing w/plastic constructions core, 7-pin (SFIC)
- **Code 05** Customer supplied cylinder
- **Code 07** Dummy cylinder
- **Code 08** Privacy function - keyless locking function
Locking Door Pull Model Options

**DBD - Dead Bolt Down, Half-Height**

- **1 1/2” Ø (38 mm)**
- **1 1/4” (32 mm)**
- **3” (76 mm)**
- **Specify 50” (127 cm) typical**
- **Bolt**
- **6” (152 mm)**

**DBDPMPB - Dead Bolt Down With Horizontal Bar**

**Notes:** Pulls are available in various sizes to fit job conditions. For ADA requirements, cylinder must be located 34” to 48” above finished floor. Minimum clearance from pull to finished floor is 3/8” at factory settings.

**DBU - Dead Bolt Up, Half-Height**

- **1 1/2” Ø (38 mm)**
- **1 1/4” (32 mm)**
- **3” (76 mm)**
- **Specify**
- **Bolt**
- **6” (152 mm)**

**DBUPMPB - Dead Bolt Up With Horizontal Bar**

**FHD/FHU - Dead Bolt Up Or Down, Full-Height**

- **6” (152 mm)**
- **1” Ø (25 mm)**
- **1 1/2” Ø (38 mm)**
- **Specify**
- **Bolt**
- **6” (152 mm)**

**Notes:** Pulls are available in various sizes to fit job conditions. For ADA requirements, cylinder must be located 34” to 48” above finished floor. Minimum clearance from pull to finished floor is 3/8” at factory settings.
Locking Door Pull Model Options

Location From Door

All glass door applications include a bushing and washer to insulate the glass from the pull. Sturdy fasteners securely attach the pull to the door making for a durable, trouble free installation. Simple glass prep requires two (or three) round holes.

Bolt Into Floor Models - Detail At Floor
- DBD, FHD, FHB

Bolt Into Head Models - Detail At Head
- DBU, FHU, FHB

Bolt Adjustment

Adjusts 1/8” in and out from the shown factory settings.

Strike Options

Top Strikes

LPS01
LPS02 (rubber stop)
LPS03

Bottom Strikes

LPS04
LPS05
LPS06

Dust Proof Strike
Face Plate: 1 1/4” x 2 1/2” (35 mm x 73 mm)

LPS01: 3/4” x 1 1/2” x 3” (19 mm x 38 mm x 76 mm)
LPS02 (rubber stop): 3/4” x 2 1/2” x 3” (19 mm x 64 mm x 76 mm)
LPS03: 1/4” x 1 1/4” x 2 1/2” (1.2 mm x 29 mm x 57 mm)
LPS04: 1 1/4” dia. x 4 1/2” (32 mm dia. x 114 mm)
LPS05: 1 1/4” sq. x 4 1/2” (32 mm sq. x 114 mm)
LPS06: 2” dia. (50.8 mm)
YALE® 8800 Series Mortise Locks

The 8800 Series mortise lock from YALE® provides superior strength and security where your facility needs it the most. The dependable design has ANSI/BHMA Grade 1 certification and can withstand the demands of routine use. With several trim and finish options, these locks offer a solution for every aesthetic.

Product Features

- Works with Center Lock Patch
- 3 Mechanical Functions
  - Passage (ANSI F01)
  - Entry (ANSI F04)
  - Office/Classroom
- Field reversible
- 10-year mechanical warranty

- Trim Options
  - 11 lever styles: four standard, seven decorative
  - Internal heavy-duty spring cartridge prevents lever sag
  - Through-bolted installation ensures positive alignment of trim with lock case
- 1 rosette

Specifications

| Armor Front: | 8" x 1\(\frac{1}{4}\)" |
| Latchbolt: | 3\(\frac{3}{4}\)" throw, stainless-steel, one-piece, anti-friction |
| Backset: | 2\(\frac{3}{4}\)" |
| Hubs: | 3\(\frac{3}{8}\)" solid steel, fine-blanked and heat treated for additional strength |
| 2815 Curved Lip Strike: | 1\(\frac{1}{4}\)" long; non-handed |
| Cylinder Options: | Ordered separately |
| Base Material: | Case - wrought steel, zinc dichromated |
| | Levers – solid cast brass |
| Finishes: | US14/618, US15/619, 314E |
| Patents, Approvals, Listings: | ADA compliant – ANSI A117.1 |
| | ANSI/BHMA A156.13, Series 1000, Operational Grade 1 |
| | UL/cUL 3 Hour |
| | Windstorm Certified (refer to local codes) |
YALE® 8800 Series Mortise Lock Trim Offering

Standard Levers

Augusta – AU

Carmel – CR

Jefferson – JN

Pacific Beach – PB

Reflections® Decorative Levers

TB

TR

UB

TN

TC

TS

UC

Rosette

R3

ASSA ABLOY
The global leader in
door opening solutions
# YALE® 8800 Series Mortise Lock

## Functions

<table>
<thead>
<tr>
<th>Option</th>
<th>ANSI No.</th>
<th>Description</th>
<th>Illustration</th>
</tr>
</thead>
</table>
| Passage         | F01      | • For doors that do not require locking  
• Latchbolt retracted by lever either side at all times |              |
| Entry/Office    | F04      | • For doors where locking is required  
• Latchbolt retracted by lever either side, except when outside lever is locked by stopwork activator  
• When outside lever is locked, latchbolt is operated by key outside and lever inside  
• Deadlocking latchbolt |              |
| Office/Classroom| N/A      | • Latchbolt retracted by knob/lever either side unless outside knob/lever is locked by key outside or thumbturn inside  
• Latchbolt retracted by thumbturn inside or key outside  
• Inside knob/lever always active  
• Deadlocking latchbolt |              |

## Mortise Locks How To Order

<table>
<thead>
<tr>
<th>Lock</th>
<th>Function</th>
<th>Lever</th>
<th>Rose</th>
<th>Cylinder Info</th>
<th>Finish</th>
</tr>
</thead>
</table>
| ML   | PAS – Passage | AU, CR, JN, PB, TB, UB, TC, UC, TR, TN, TS | R3   | LC – Less Cylinder  
(only specified on E and O functions) | US14/618, US15/619, 314E |
|      | ENT – Entry |       |      |               |                    |
|      | OFF – Office/Classroom |       |      |               |                    |

## PART NUMBER EXAMPLES

- **Passage Lock:** ML-PAS-TBR3.15
- **Entry Lock:** ML-ENT-AUR3-LC.314E

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The global leader in door opening solutions
YALE® 8800 Series Mortise Lock Cylinder Options

Mortise Cylinder Options

<table>
<thead>
<tr>
<th>Application</th>
<th>Cam</th>
<th>Pins</th>
<th>Length</th>
<th>Keyway</th>
<th>Cylinder Collar</th>
<th>Illustration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Cylinder</td>
<td>2160</td>
<td>6-Pin</td>
<td>1 1/8&quot;</td>
<td>Para keyway, key random</td>
<td>1765 1/4&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Para keyway, 0 bit</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Fixed Core Schlage "C" Keyway Cylinder   | 2160| 6-Pin| 1 1/8" | Keyed random            | 1765 1/4"       |              |

Measurements

<table>
<thead>
<tr>
<th>Glass Thickness</th>
<th>Collar Thickness (&quot;A&quot; Dimension)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot;</td>
<td>1/4&quot;</td>
</tr>
</tbody>
</table>

Collars

Cam

0.742" (18 mm)

Mortise Cylinders How To Order

<table>
<thead>
<tr>
<th>Mortise Cylinder</th>
<th>Keyway</th>
<th>Collar Length</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>MC</td>
<td>PARA – Para keyway, key random</td>
<td>250 (1/4&quot;)</td>
<td>US14/618, US15/619, 314E</td>
</tr>
<tr>
<td></td>
<td>SCHL – Schlage C keyway, random</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PART NUMBER EXAMPLES

- MC-PARA-250-KR.15
- MC-SCHL-250-OB.314E
Center Lock Housings

Center Lock Patch

- Patch housing for YALE® Mortise Lock*
  - Entry (CLH-ENT)
  - Office (CLH-OFF)
  - Passage (CLH-PAS)
- 6" W x 10"H
- Available for 1/4" thick glass
- Glass cut-out required
- No cement or silicone required for installation
- Handed
- 2-year warranty
- Finishes: US14/618, US15/619, 314E

*Custom options for Corbin Russwin/Sargent available

<table>
<thead>
<tr>
<th>Patch</th>
<th>Function</th>
<th>Handing</th>
<th>Glass Sizes</th>
<th>Finishes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ENT – Entry</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>OFF – Office/Classroom</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PART NUMBER EXAMPLES

- Passage Lock: CLH-PAS-LH-BC.15
- Entry Lock: CLH-ENT-RH-BC.314E

Entry/Office

Passage
Center Lock Housings (continued)

Center Patch Keeper (CLK)

- Opposite center lock patch on sidelite and double door applications
- Holds strike plate for 8800 mortise lock
- 6"W x10"H
- Available for 1/2" thick glass
- Glass cut-out required
- No cement or silicone required for installation
- 2-year warranty
- Finishes: US14/618, US15/619, 314E
Dead Bolts

Dead Bolt Lock (PF-DBLOCK)
- 2½” W x 6” H
- Available for 1½” or 3/8” thick glass
- Glass cut-out required
- No cement or silicone required for installation
- 2-year warranty

Dead Bolt Strike (PF-DBSTRIKE)
- 2½” W x 6” H
- Available for 1½” or 3/8” thick glass
- Glass cut-out required
- No cement or silicone required for installation
- 2-year warranty

Dead Bolt Lock Cylinder and Thumbturn

1” Cylinder (PFD-LOCKCYL)       1” Thumbturn (PFD-LOCKTT)       Cylinder Cam

1½” (35 mm)  1” (25 mm)  

0.715” (18 mm)  

The global leader in door opening solutions
Electrified Hardware

ADAMS RITE and SECURITRON® lead the industry with their electrified hardware products. Whether you choose a Magnalock®, wireless reader, or touch lock, you get quality solutions for high traffic and high security applications.
SECURITRON® M32 Series Magnalock®

The M32 electromagnetic lock is ideal for traffic control in high-use areas within secured or monitored perimeters. With unsurpassed durability, the M32 will last long after most buildings wear out. Applications for when reliability, high durability, and low-maintenance are required.

Product Features
- Ultra-secure collapsing blind nuts mount to the door frame for strength and reliability
- Fully sealed for weather-proof operations
- 10 ft (3 m) of jacketed, stranded conductor cable
- Automatic dual-voltage - no field adjustment required
- Instant release circuit - no residual magnetism
- Noise suppression with included MOV
- Efficient, low-power usage
- Rust resistant - all ferrous metal surfaces plated for durability
- MagnaCare® lifetime replacement no fault warranty

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
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<tbody>
<tr>
<td>Holding Force:</td>
<td>600 lbs. (272 kg)</td>
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<td>Operating Temperature:</td>
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<td>Base Material:</td>
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<td>Finishes:</td>
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<td>Options:</td>
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<td>patented</td>
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<td></td>
<td>(D) Integrated door-position switch (DPS)</td>
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<td>Part Number:</td>
<td>MAG-M32BD</td>
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</tbody>
</table>

Fits in 2 1/4" of flat mounting space

ASSA ABLOY
The global leader in door opening solutions
SECURITRON® M32-SS Split Strike Series Magnalock®

Now you can add asset control to your existing access control system with the durable, power-efficient M32-SS. Each strike plate of the M32-SS delivers 300 lbs. of holding force (600 lbs. total). Ideal for securing swinging doors that share a common center latching point.

Product Features

- Direct mount with common tools for strength and reliability
- Fully sealed for weather-proof operations
- 10 ft (3 m) of jacketed, stranded conductor cable
- Noise suppression with included MOV
- Automatic dual voltage; no field adjustment required
- Instant release circuit; no residual magnetism
- Efficient, low-power usage
- Rust-resistant; all ferrous metal surfaces plated for durability
- MagnaCare® lifetime replacement no-fault warranty

Specifications

Holding Force: 600 lbs. (272 kg)
300 lbs. (136 kg) per strike

Electrical: 300 mA at 12 VDC; 150 mA at 24 VDC

Operating Temperature: -40° F to +140° F (-40° C to +60° C), indoor or outdoor use

Base Material: Stainless steel

Dimensions: Magnalock: 8” L x 1 1/8” D x 1 1/8” H
Strike: 3” L x 1 1/2” D x 1 1/8” H each

Finishes: US32D/630

Patents, Approvals, Listings:
- Underwriters Laboratories (US and Canada): Files SA6635, BP7041 and R13976
- UL 10B and UL 10C, UL 294
- California State Fire Marshal: 3774-0923:101
- City of New York MEA: 251-95E and 254-95E
- CE: EN 50081-1 (92) and EN 61000-6-2 (99)
- Patent: 8,094,017

Options: (B) BondSTAT magnetic bond sensor (MBS); patented

Part Number: MAG-M32B-SS
SECURITRON® M370 Series Magnalock®

The M370 provides a strong hold, with a look refined enough for the most discriminating designer openings. With independently certified strength, ease of installation, and Magnalock® quality, the M370 delivers peace of mind in a stylish package.

Product Features
- Bracket mounting provides the easiest install for outswing doors
- Innovative install template for effortlessly accurate alignment between magnet and armature plate
- Sleek, low profile and refined lines for improved aesthetics
- LED visual locked status with configurable red/green color output
- Autosensing dual voltage with microprocessor technology
- Wire chamber with anti-tamper switch
- Efficient, low-power usage
- Size optimized for use with door closers
- MagnaCare® lifetime replacement no-fault warranty

Specifications

| Holding Force: | 600 lbs. (272 kg) |
| Electrical: | 510 mA at 12 VDC; 270 mA at 24 VDC |
| Operating Temperature: | +32° F to +110° F (0° C to +43° C); indoor use only |
| Base Material: | Enclosure: plated zinc |
| Strike: stainless steel |
| Dimensions: | Magnalock: 10" L x 2\(\frac{7}{16}\)" D x 2\(\frac{3}{16}\)" H |
| Strike: 6\(\frac{1}{4}\)" L x \(\frac{1}{8}\)" D x 1\(\frac{1}{8}\)" H |
| Finishes: | US28/628, US20A/313, US19/335, |
| Patents, Approvals, Listings: | UL 10C Listed |
| UL 1034 Listed |
| CAN4-S104, CAN/ULC Listed |
| ANSI/BHMA A156.23, Grade 1; E18501-500, E18531-500 |
| CSFM - California State Fire Marshal Approved |
| Patent Pending |
| Part Number: | MAG-M370 |

![Diagram of Magnalock installation](image)
SECURITRON® M670 Series Magnalock®

The M670 from Securitron® delivers ease of installation with unsurpassed style. The M670 offers streamlined features and the fastest, easiest, most secure installation of any bracket mount mag lock.

Product Features

- Bracket mounting provides the easiest install for out-swing doors
- Innovative templating for an effortlessly accurate alignment between magnet and armature plate
- Sleek, low profile and refined lines for improved aesthetics
- LED shows red or green for lock status indication
- Autosensing dual voltage with microprocessor technology
- Wire chamber anti-tamper switch
- Efficient, low-power usage
- Size optimized for use with door closers
- MagnaCare® lifetime replacement no-fault warranty

Specifications

| Holding Force: | 1,100 lbs. (499 kg) |
| Electrical: | 575 mA (±10%) at 12 VDC; 275 mA (±10%) at 24 VDC |
| Operating Temperature: | +32° F to +110° F (0° C to +43° C); indoor use only |
| Base Material: | Enclosure: plated zinc, Strike: stainless steel |
| Dimensions: | Magnalock: 11½" L x 2¼" D x 2½" H, Strike: 9½" L x 1½" D x 2" H |
| Patents, Approvals, Listings: | UL 1034 Burglary-Resistant Listed, UL 10C Listed, CAN4-S104, CAN/ULC Listed, UL 294 Recognized Component, ANSI/BHMA A156.23, Grade 1; E18501-1000, CSFM- California State Fire Marshal Listed, Patents: D682,655; D690,576, Patent Pending |
| Part Number: | MAG-M670 |

Fits in 2½" (57 mm) of flat mounting space
SECURITRON® M380 Series Magnalock®

The M380BDX provides strong hold, in a stylish way. With unsurpassed intelligence, an integrated optional REX, and incredible ease of installation, it sets a new standard for mag locks. It offers a built in, auto voltage-sensing microprocessor along with Securitron’s patented BondSTAT® and door position monitoring, plus advanced options such as REX for the most functional mag lock ever. The M380BDX look is refined enough for the most discriminating designer openings with consolidated features that eliminate the clutter of multiple devices around the door and the fastest, easiest, and most secure installation of any bracket mount mag lock.

Product Features

- Bracket mounting provides the easiest install for outswing doors
- Innovative install template for effortlessly accurate alignment between magnet and armature plate
- Sleek, low profile and refined lines for improved aesthetics
- LED visual locked status with configurable red/green color output
- Autosensing dual voltage with microprocessor technology
- Wire chamber with anti-tamper switch
- Efficient, low-power usage
- Size optimized for use with door closers
- MagnaCare® lifetime replacement no-fault warranty
- Adjustable passive infrared (PIR) request to exit (REX)
  - Automatically cuts power to M380 for egress
  - REX output
  - Easily adjustable beam pattern
  - Adjustable relock timer technology

Specifications

<table>
<thead>
<tr>
<th>Holding Force:</th>
<th>600 lbs. (272 kg)</th>
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<tbody>
<tr>
<td>Electrical:</td>
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<tr>
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<td>Magnalock power: 510 mA at 12 VDC; 270 mA at 24 VDC</td>
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<tr>
<td></td>
<td>PIR power: 25 mA at 12 VDC; 10 mA at 24 VDC</td>
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<td>Operating Temperature:</td>
<td>+32° F to +110° F (0° C to +43 °C); indoor use only</td>
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<tr>
<td>Dimensions:</td>
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<tr>
<td></td>
<td>Magnalock: 10&quot; L x 27/16&quot; D x 23/16&quot; H</td>
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<tr>
<td></td>
<td>Strike: 77/16&quot; L x 9/16&quot; D x 15/8&quot; H</td>
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<td>Patent Pending</td>
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<tr>
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</table>

The REX is designed as a modular component that can be installed on either the left side or the right side of the magnet. The position of the REX module can be easily field configured for better positioning on the door.
SECU RITRON® M680 Series Magnalock®

The M680BDX with an integrated request to exit (REX) from Securitron® provides optimum coverage for detecting an approaching person so the door unlocks for egress. The configuration of the passive infrared (PIR) beam allows the detection area to be tailored to your environment for better accuracy. Meet the smart, stylish, and secure mag lock with an integrated, adjustable, passive infrared request to exit.

Product Features

- Bracket mounting provides the easiest install for out-swing doors
- Innovative install templating for effortlessly accurate alignment between magnet and armature plate
- Sleek, low profile and refined lines for improved aesthetics
- LED visual locked status with configurable red/green color output
- BondSTAT™ lock bond sensor - patented
- Autosensing dual voltage with microprocessor technology
- Integrated door position switch
- Adjustable passive infrared (PIR) request to exit (REX)
  - Automatically cuts power to the M680 for egress
  - REX output
  - Easily adjustable beam pattern
  - Adjustable relock timer
  - Wire chamber anti-tamper switch
  - Efficient, low-power usage
  - Size optimized for use with door closers
  - MagnaCare® lifetime replacement no-fault warranty

Specifications

| Holding Force: | 1,100 lbs. (499 kg) |
| Electrical: | Magnalock power |
| | • 550 mA (±10%) at 12 VDC; 300 mA (±10%) at 24 VDC |
| REX power* | • 225 mA (±10%) at 12 VDC; 90 mA (±10%) at 24 VDC |
| Operating Temperature: | +32° F to +110° F (0° C to +43° C); indoor use only |
| Base Material: | Enclosure: plated zinc |
| | Strike: stainless steel |
| Dimensions: | Magnalock: 11½" L x 2¹/₁₆" D x 2½" H |
| | Strike: 10³/₁₆" L x 9/₁₆" D x 2" H |
| Patents, Approvals, Listings: | • UL 1034 Burglary-Resistant Listed |
| | • UL 10C Listed |
| | • CAN4-S104, CAN/ULC Listed |
| | • UL 294 Recognized Component |
| | • ANSI/BHMA A156.23, Grade 1; E18501-1000 |
| | • CSFM - California State Fire Marshal Listed |
| | • Patents: D682,655; D690, 576; 8,094,017 |
| | • Patent Pending |
| Part Number: | MAG-M680BDX |

* A separate continuous power input is required to power the REX.
SECURITRON® Vista V2M600 Series Mag Lock

The affordable V2M600 offers traffic control for a wide selection of interior applications. Its field-selectable dual voltage and easy bracket-mount installation delivers Securitron® quality in a no-frills value package.

Product Features

- Adjustable bracket for easy installation
- Wire access chamber with plug-in connectors
- Dual-voltage; 12/24 VDC
- Instant release mechanism
- Rust-resistant; all ferrous metal surfaces plated for durability
- VistaCare® one-year, hassle-free, no-fault warranty

Specifications

| Holding Force: | 600 lbs. (272 kg) |
| Electrical: | 520 mA at 12 VDC, 260 mA at 24 VDC |
| Operating Temperature: | +32°F to +110°F (0°C to +43°C); indoor use only |
| Base Material: | Enclosure: aluminum |
| Dimensions: | Lock: 9\(\frac{1}{8}\)“ L x 1\(\frac{1}{16}\)“ D x 1\(\frac{1}{8}\)“ H |
| | Strike: 7\(\frac{1}{8}\)“ L x 1\(\frac{1}{2}\)“ D x 1\(\frac{1}{8}\)“ H |
| Finishes: | US28/628 |
| Patents, Approvals, Listings: | UL10B |
| | UL 10C Fire Rated, 1 hour |
| | CAN4-S104 Listed |
| | NFPA 101 |
| Options: | (B) BondSTAT magnetic bond sensor (MBS); patented |
| | (D) Integrated door-position switch (DPS) |
| Part Number | MAG-V2M600DB |
ELECTRIFIED HARDWARE

SECURITRON® Vista V2M1200 Series Mag Lock

Get Vista Mag Lock value with 1,200 lbs. of holding force to secure interior and sheltered perimeter doors. With built-in arc suppression, the V2M1200 magnetic lock can be used with any access control system.

Product Features

- Easy-mount adjustable bracket
- Wire access chamber with plug-in connectors
- Dual-voltage 12/24 VDC
- Instant release, no hysteresis
- Non-aluminum parts are plated to resist corrosion
- Self drilling TEC screws
- E-Z mount system, no special tools required
- VistaCare® one-year, hassle-free, no-fault warranty

Specifications

**Holding Force:** 1,200 lbs. (544 kg)

**Electrical:**
- 520 mA at 12 VDC, 260 mA at 24 VDC

**Operating Temperature:**
- +32° F to +110° F (0° C to +43° C); indoor use only

**Base Material**
- Enclosure: aluminum

**Dimensions:**
- Lock: 10\(\frac{5}{8}\)" L x 1\(\frac{15}{16}\)" D x 2\(\frac{3}{8}\)" H
- Strike: 7\(\frac{1}{8}\)" L x 3\(\frac{3}{8}\)" D x 2\(\frac{7}{8}\)" H

**Finishes:**
- US28/628

**Patents, Approvals, Listings:**
- UL 10C Fire Rated, 1 hour
- CAN4-S104 Listed
- NFPA 101

**Options:**
- (B) BondSTAT magnetic bond sensor (MBS); patented
- (D) Integrated door-position switch (DPS)

**Part Number:** MAG-V2M1200DB
SECURITRON® SAM Shear Aligning Concealed Magnalock®

This concealed mag lock provides hidden strength at any angle for any application. The SAM Shear Aligning Magnalock® is ideal for traffic control or medium security and with its flexible mounting options, provides a solution for the most challenging door control situations. The SAM Shear Aligning Magnalock has mounting options for a single door or for each leaf on a pair of doors and can be a sliding, in-swing, out-swing, or swing-through door. It mounts fully concealed into Herculite doors in any position: at the header, door edge, or threshold.

Product Features
- Recessed for aesthetically appealing finish
- Fully sealed for weather-proof operations
- 10 ft (3.05 m) of jacketed, stranded conductor cable
- Automatic dual-voltage; no field adjustment required
- Instant release circuit; no residual magnetism
- Noise suppression with included MOV
- Efficient, low power usage
- Rust-resistant; all ferrous metal surfaces plated for durability
- MagnaCare® lifetime replacement no-fault warranty

Specifications

**Holding Force:** 1,200 lbs. (544 kg)
**Electrical:** 320 mA at 12 VDC; 170 mA at 24 VDC
**Operating Temperature:** -40° F to +140° F (-40° C to +60° C); indoor or outdoor use; not for use in open channel doors
**Base Material:** Stainless steel
**Dimensions:**
- Magnalock: 10 7/8" L x 1 1/8" D x 1 1/2" W
- Strike: 10 7/8" L x 1 1/8" D x 1 1/2" W

**Finishes:** US32D/630

**Patents, Approvals, Listings:**
- UL 10C Listed
- UL/cUL GWXT.R13976 / GWXT7.R13976
- UL/cUL FWAX7.SA6635
- UL/cUL FWAX2.SA6635 / FWAX8.SA6635
- UL/cUL ALVY.BP7041
- CSFM - California State Fire Marshal Approved
- CSFM 3774-0923:0101
- CSFM 3774-0923:0102
- CSFM 3774-0923:0103
- CAN4-S104, CAN/ULC-S533 Listed
- ANSI/UL 294 Listed
- ANSI/BHMA A156.23, Grade 1; E08561-1000, E08571-1000, E08581-1000, E08591-1000
- CE:EN 50081-1(92), EN 61000-6-2(99) Approved
- U.S. Patents: 6,007,119; 6,135,515; BondSTAT
- Magnetic Bond Sensor - Patent: 8,094,017
- Foreign Patents: AU:741,880; China: ZL98809929.X; EU: 1,021,633

**Part Number:** MAG-SAM-1224VDC
SECURITRON® SAM2-24 Shear Aligning Concealed Magnalock®

The compact and versatile SAM2-24 Shear Aligning Magnalock provides 600 lbs. of holding force to swinging or sliding doors. It is ideal for traffic control and to secure smaller applications. The SAM2-24 mounts fully concealed into Herculite doors in any position: at the header, door edge, or threshold.

Product Features
- Direct mount to door frame for strength and reliability
- Compact design fits tight spaces
- Fully sealed for weatherproof operations
- 6 ft (1.8 m) of jacketed, stranded conductor cable
- Noise suppression with included MOVs
- Instant release circuit; no residual magnetism
- Efficient, low-voltage, low power usage
- Rust-resistant; all ferrous metal surfaces plated for durability
- MagnaCare® lifetime replacement no fault warranty

Specifications
- **Holding Force:** 600 lbs. (272 kg)
- **Electrical:** 62 mA at 24 VDC only
- **Operating Temperature:** -40° F to +140° F (-40° C to +60° C); indoor or outdoor use; not for use in open channel doors
- **Base Material:** Stainless steel
- **Dimensions:**
  - Magnalock: 7 7/16” L x 7/16” D x 1 1/8” W
  - Strike: 7 7/16” L x 1” D x 1 1/8” W
- **Finishes:** US32D/630
- **Patents, Approvals, Listings:**
  - UL 10C Listed
  - UL/cUL GWXT.R13976 / GWXT.R13976
  - CSFM - California State Fire Marshal Approved
  - CSFM 3774-0923:0101
  - CAN4-S104, CAN/ULC-S533 Listed
  - ANSI/UL 294 Listed
  - ANSI/BSMA A156.23, Grade 1; E08571-1000, E08581-500
  - US Patents: 6,007,119; 6,135,515
  - Foreign Patents: AU: 741,880; China: ZL98809925.X; EU: 1,021,633
- **Part Number:** MAG-SAM2-24VDC
Securitron® Magnalock® Accessories

Securitron® offers a variety of accessories to meet your electromagnetic needs.

Dress Covers
- Attractive cover for the M32 Series Magnalock
- Install using foam adhesive tape
- Available in clear, black, and polished stainless finishes
- MagnaCare® lifetime replacement, no-fault warranty

| Base Material: Stainless steel | Dimensions: 8” L x 2” D x 1 1/4” H |
| Part Number: MAG-DC32 |

Glass Door Bracket
- Permits strike plate installation on a solid glass door
- Adhesive mounting requires no drilling
- MagnaCare® lifetime replacement, no-fault warranty

| Base Material: Aluminum |
| Dimensions: 6” L x 1 1/4” H |
| Finishes: US28/628 |
| Part Number: MAG-GDB |

Adhesive Kit for Glass Door Bracket
- Attaches Magnalock brackets to glass header
- Permanently bonds to glass using special industrial adhesive
- MagnaCare® lifetime replacement, no-fault warranty

| Brand: Loctite |
| Part Number: MAG-AKG |

Glass Door Bracket for Vista Mag Lock
- Permits strike plate installation on a solid glass door
- Adhesive mounting requires no drilling
- Strike plate screws into the bracket, as glass doors cannot be drilled
- VistaCare® one-year, hassle-free, no-fault warranty

| Base Material: Aluminum |
| Finishes: CL |
| Part Number: MAG-GDB-V2M |
SECURITRON® Magnalock® Accessories (continued)

Universal Header Bracket
- Used to extend the header 1" or 1½"
- Provides a concealed wiring chamber
- Use with M32, M62, M82, M38, M68, M370, M380, M670, M680
- MagnaCare® lifetime replacement, no fault warranty

Base Material: Aluminum
Finishes: US28/628, US19/335
Part Number*: MAG-UHB-XX-8
MAG-UHB-XX-12

*List Magnalock® Series in place of XX.

Header Extension Bracket
- Allows for Magnalock installation on all-glass header when used with the adhesive mounting kit
- Use with M32, M62
- Specially milled back
- MagnaCare® lifetime replacement, no-fault warranty

Base Material: Aluminum
Finishes: US28/628, US19/335
Part Number: MAG-HEB-X-X

Header Extension Bracket for Vista Maglock
- 90-degree angle bracket with lateral adjustability
- Extends narrow headers to permit proper mounting of Vista mag locks
- VistaCare® one-year, hassle-free, no-fault warranty

Base Material: Aluminum
Finishes: US28/628
Part Number: MAG-HEB-V2M600
MAG-HEB-V2M1200
ADAMS RITE® Digital Glass Door Lock

The RITE Touch® RT1050D digital door lock provides keyless access control for all-glass openings. The RITE Touch offers sophisticated styling, convenience, flexible access control, and safety and security for single or double glass doors. Perfect for indoor applications, the easy to install, surface-mounted RT1050D combines elegant aesthetics with the latest touch screen technology, to harmonize style and security.

Operation

The surface-mounted lock features two options for credential actuation on the secure side of the door: either by entering a user code using a touch-screen or by using the provided Mifare credential card. The lock features dual unlock from the inside of the door, either by thumbturn or by using an override button.

Product Features

- Thin, low profile, surface mounted design
- Easy installation requires no modification to glass
- Sleek touch screen interface
- Compatible with interior single or pairs of doors
- Access control via card reader or keypad
- Card reader supports up to 40 credential cards
- Battery powered with emergency access power capability
- Visible operation status
- Optional automatic locking
- Break-in and damage alarm
- Electronic shock resistant

Specifications

**Door Thickness:** 7/16" to 1/2" thick glass doors; indoor applications only

**Twin Bolt Dimensions:** 1/2"D with 1" throw; bolt extensions included separately for larger door gap; twin bolts included with 2" throw

**Operating Temperature:** +5° F to +130° F (-15° C to +55° C)

**Shipping Weight:** 6 lbs. (2.72 kg)

**Base Material:**
- Front body: plastic
- Back body: zinc, plastic

**Dimensions:**
- Front body: 1/4" D x 2 3/4" W x 7 1/8" H
- Back body: 1 3/8" D x 3 3/8" W x 7 1/2" H

**Finishes:** Mirrored black

**Patents, Approvals, Listings:** FCC Part 15 and IC Compliant

**Part Number:** DL-RT1050D
ELECTRIFIED HARDWARE

SECURITRON® AccuPower® AQD3 Series

The Securitron® AccuPower® AQD3 Series of switching power supplies are dual-voltage, supervised units with battery charger. These units are field selectable, with a fast battery charge reserve. They provide 3 A at 12 VDC or 1.5 A at 24 VDC continuous, with up to eight (8) independently controlled, power-limited outputs.

Product Features

- Up to 3 Amp/12 VDC or 1.5 Amp/24 VDC total output. Rated up to 2.8 Amp/1.4 Amp continuous output
- Dual voltage 12 VDC/24 VDC field selectable
- Internal transformer
- Tolerates brownout or overvoltage input from 60-260 VAC
- Thermal shutdown protection with auto restart
- Circuit breaker protects against overcurrent and reverse battery faults
- Battery charger and power supervision
- Low battery disconnect prevents deep discharge
- Dedicated voltage enables faster battery charging even under full load
- MagnaCare® lifetime replacement, no fault warranty

Specifications

Electrical

<table>
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<th>Input Voltage Operating Range:</th>
<th>90 VAC - 240 VAC; 47 Hz - 63 Hz</th>
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<td>36 VA; 3 A @ 12 VDC; 1.5 A @ 24 VDC</td>
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<tr>
<td>Continuous Output Voltage:</td>
<td>33.5 VA; 2.8 A @ 12 VDC, 1.4 A @ 24 VDC</td>
</tr>
<tr>
<td>Voltage Range:</td>
<td>9.8 VDC - 13.7 VDC/13.65 typical 20.0 VDC - 27.5 VDC/27.3 typical</td>
</tr>
<tr>
<td>Operating Frequency:</td>
<td>66 Khz</td>
</tr>
<tr>
<td>Onboard Power Output:</td>
<td>One class 2 power limited</td>
</tr>
<tr>
<td>Supervision/Monitoring:</td>
<td>AC ON LED indicator: 6 mA DC ON LED indicator: 6 mA AC fail notification: SPDT form C 2 Amp Low battery: SPDT form C 3 Amp</td>
</tr>
<tr>
<td>Output Terminal Block Rating:</td>
<td>10 A</td>
</tr>
<tr>
<td>Output Wire Gauge Range:</td>
<td>14-28 AWG*</td>
</tr>
<tr>
<td>Maximum Output Per Channel:</td>
<td>4 channels @ 0.35 channel</td>
</tr>
</tbody>
</table>

Dimensions

| Enclosure: | 14” L x 9” W x 3.5” H |
| Power Board: | 3.73” L x 4.84” W x 2” H |
| Mounting: | 3.41” L x 4.5” W |
| Distribution Board: | 3.75” L x 2.22” W x 1” H |
| Mounting: | 3.41” L x 1.87” W |
| Operating Temperature: | -4° F to +104° F (-20° C to +40° C) |
| Base Material: | Enclosure: steel |
| Finishes: | Powder coat: beige |
| Patents, Approvals, Listings: | ANSI/UL 294 Listed ANSI/UL 603 Listed ULC-S318-96 Listed RoHS lead free |
| Part Number: | PS-AQD3-4C |

*Use gauge appropriate for output voltage and wiring distance.
SECURITRON® AccuPower® AQD5 Series

The Securitron® AccuPower® AQD5 Series of switching power supplies are dual-voltage supervised units with a battery charger. These units are field selectable for 5 A at 12 VDC or 3 A at 24 VDC, with up to eight (8) independently controlled, power-limited outputs.

Product Features

- Dual-voltage 5 A/12 VDC or 3 A/24 VDC field selectable continuous output
- Internal transformer
- Tolerates brownout or overvoltage input from 60-260 VAC
- Thermal shutdown protection with auto restart
- Circuit breaker protects against overcurrent and reverse battery faults
- Battery charger and power supervision
- Low battery disconnect prevents deep discharge
- Dedicated voltage enables faster battery charging even under full load
- MagnaCare® lifetime replacement, no fault warranty

Specifications

### Electrical
- **Input Voltage**: 90 VAC - 240 VAC; 50 Hz - 60 Hz
- **Maximum Output Voltage**: 72 VA; 6 A @ 12 VDC; 3 A @ 24 VDC
- **Continuous Output Voltage**: 60 VA; 5 A @ 12 VDC, 3 A @ 24 VDC
- **Voltage Range**: 9.8 VDC - 13.8 VDC/13.65 typical 19.65 VDC - 28 VDC/27.3 typical
- **Operating Frequency**: 132 Khz
- **Onboard Power Output**: One class 2 power limited
- **Supervision/Monitoring**: AC ON LED indicator: 6 mA  DC ON LED indicator: 6 mA  AC fail notification: SPDT form C 2 A  Low battery: SPDT form C 3 A

### Dimensions
- **Enclosure**: 14" L x 9" W x 3_/8" H
- **Power Board**: 6.05" L x 3.87" W x 2.28" H
- **Mounting**: 4.5" L x 3.41" W
- **Operating Temperature**: -4°F to +104°F (-20°C to +40°C)
- **Humidity**: 95% RH non-condensing
- **Base Material**: Enclosure: steel
- **Finishes**: Powder coat: beige
- **Patents, Approvals, Listings**:  
  - ANSI/UL 294 Listed  
  - ANSI/UL 603 Listed  
  - ULCS318-96 Listed  
  - CAN/ULC-S533-02  
  - RoHS lead free

### Part Number
- PS-AQD5-4C
SECURITRON® BPS Series
12/24-1 Dual Voltage Boxed Power Supply

The BPS Series of power supplies delivers linear technology and is recommended for use with the most voltage sensitive electronic safety and security components, including card readers, electric strikes, motion sensors, DC voltage cameras, and as an interface for a fire alarm system or battery backup. The BPS-12/24-1 is UL Class 2 listed, allowing for wire runs without the use of conduit from power supply to door.

Product Features

- Dual-output, field-selectable 12/24 VDC via clearly marked toggle switch
- Supplies 1 full Amp continuous current output, even while charging back-up batteries
- Linear regulated power supply provides the cleanest power available
- UL Class 2 power-limited output
- SPDT AC monitoring output allows for remote monitoring of the power supply’s 110 VAC input
- External LED indicator (AC and DC) easily determines power status
- UL Listed, low-current fire alarm disconnect requires only a minimum size fire alarm relay and wire gauge
- Polyswitch 2 A breaker allows for large short duration inrush current if batteries are installed (approximately 20 A for 1 second)
- Line voltage and DC fuses
- Sealed lead acid or gel battery charging capability (battery sold separately)

Specifications

Electrical:
- Voltage adjustment: 12 V/24 V selector switch
- Input voltage: 120 VAC
- Output current: 1 Amp

Operating Temperature:
- +32° F to +105° F (0° C to +40° C)

Base Material:
- Enclosure: steel

Dimensions:
- 9” L x 12” H x 4” D enclosure

Finishes:
- Powder coat: beige

Patents, Approvals, Listings:
- UL FWAX2.SA6635
- cUL FWAX8.SA6635
- UL/cUL ALVY.BP7041 / UEHX7.BP7041
- CSFM 3774-0923:0102
- CSFM 3774-0923:0103

Part Number:
PS-BPS-12/24-1

ASSA ABLOY
The global leader in door opening solutions
Aperio®
Aperio offers the same real-time communication as traditional access control without the inconvenience of wiring the door. Aperio technology is a global wireless platform that reduces the cost and inconvenience of traditional access control without the hassle of complex site surveys. It utilizes local wireless communication between the lock and a communications hub to connect to an online electronic access control system. This offers facilities an easy, affordable way to expand the reach of existing access control systems and secure additional openings.
SECURITRON® R100-1H Wireless Reader and Aperio® Hub

The R100-1H surface mounted wireless iCLASS reader and pre-paired Aperio® hub offer an elegant way to extend access control to glass entryways. Installation is easy, requires no drilling or pulling of wires and can adhere in minutes. A complement to an electronic locking solution, glass entryways can now integrate robust access control while maintaining a clean, wireless appearance.

Product Features
- Adheres to glass surface without any connecting wires
- Shortened wire pull from panel to hub provides cost benefit in installation
- Fully-encrypted AES 128 wireless communication
- Online transaction audit trail capability
- Low-battery signaling and reporting
- Green status LED indicator
- Protected by SecuriCare® three-year, no-fault warranty

Specifications
- Battery: 1 x 3 V CR2 Lithium battery
- Operating Temperature: -40° F to +122° F (-40° C to + 50° C); indoor or outdoor use
- Monitoring: Tamper; low battery
- Base Material: Reader and hub: plastic enclosure
- Dimensions: 4.25” L x 1.8” W x 1.0” H
- Finishes: Reader: black
- Hub: white
- Patents, Approvals, Listings: FCC Part 15 and IC Compliant
- Accessories: R100 Dress Cover (RD-R100-DCA)
- Alumium cover
- Attaches to inside of glass, hiding mounting glue
- Keeps glass aesthetically pleasing
- Mounts with self-adhesive backing
- Dimensions: 5” L x 2” W
- Finish: US28/628

Model Options
- Low frequency model supports PROX and EM PROX (RD-R100-1H-PA)
- High frequency model supports iCLASS®, iCLASS SEOS™, iCLASS SE, ISO14443B UID, Mifare, Mifare Plus, Desfire SE, Desfire EV1, NFC (RD-R100-1H-SE)
ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

ASSA ABLOY Glass Solutions
300 Main Street
Rockwood, PA 15557
www.assaabloyglass.us