Q2000 Series
Narrow Stile Exit Devices
Q2000 Series exit Devices

Q2000 Series Narrow Stile Exit Devices and Trims are designed for new or retrofit installation into other manufacturers’ devices. Push Bar assembly’s smooth and reduced projections minimizes catch hazard. Device function is field selectable by adaptation with selected type of trim. A full complement of lever trim is available in wide range of architectural finishes. Q2000 Series are made to comply with the highest safety and security standards in the industry. Devices and trims are UL/cUL listed for Panic Hardware or Fire Hardware. They are certified to ANSI/UL305 and ANSI/BHMA A156.3 Grade 1. Q2000 Series provides superior durability for high impact applications such as offices, schools, banks, assisted living facilities and other institutions or commercial buildings.
Q2000
Narrow Stile Exit Devices

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**Features**

The Q2000 Series Narrow Stile Exit Devices are fabricated and blended with simplicity, strength, durability, aesthetics and installer-friendly innovations.

- Devices and Trims are designed for new or retrofit installation into other manufacturers’ exit devices and trims.
- Made to comply with highest safety and security standards in industry.
- UL/cUL listed for Panic Hardware or 3-Hour Fire Rated Exit Hardware.
- ETL certified to ANSI/UL305 and ANSI A156.3 2008 Grade 1 standards.

**A** Special plastic inserts and rubber bumpers reduce noise and don’t fail under high or low temperatures. Impervious to petroleum lubricants.

**B** Detachable center case allows switching between mechanical and electrical options which replaces the need of buying two complete sets.

**C** Center Case with maximum versatility. Surface and Concealed Vertical Rods can be adjusted inside the center case with an ingenious rod holder design.

**D** Cross spindle offers additional strength.

**E** Replaceable cam breaks at predetermined load to prevent further damage of the trim mechanism. Handling change is simple and easy. Just remove screw and cam from mechanism and rotate lever to desired position, then replace cam and fasten the screw.
F. Center Case mounting plate made of heavy gauge steel adding extra strength.

G. Stainless steel latch and deadlatching blade add perceived value.

H. Stamped Center Case Cover made with any commercial finishes, fits minimum 2" stile.

I. Steel die cast rocker arm designed for heavy loads.

J. Push Bar is smoothly surfaced. Reduced projection minimizes catch hazard.

K. Integrated End Cap and pivot add push pad stability and make the bar move smoothly regardless of where the pressure is applied on push pad.

L. Dogging can be done with an allen wrench, a small flat key or a flat blade screwdriver.

M. Flush End Cap design.
A. Push Bar End Cap
B. Push Bar Trim
C. Cover Plate
D. Mechanism End Cap
E. Center Case Cover
F. Mechanism Case

Optional for Q2200, Q2500 (Not Shown)
G. Latch Cover for Surface Vertical Rods
H. Vertical Rods
Finishes

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Polished Brass</td>
<td>605</td>
<td>3</td>
<td>Brass, Polished</td>
<td>Plated</td>
<td>Buffed Anodized</td>
</tr>
<tr>
<td>Satin Brass</td>
<td>606</td>
<td>4</td>
<td>Brass, Satin</td>
<td>Plated</td>
<td>Anodized</td>
</tr>
<tr>
<td>Dark Oxidized Satin Bronze</td>
<td>613</td>
<td>10B</td>
<td>Bronze, Satin; Dark Oxidized</td>
<td>Plated</td>
<td>Anodized</td>
</tr>
<tr>
<td>Polished Chrome</td>
<td>625</td>
<td>26</td>
<td>St. Steel, Polished</td>
<td>Plated</td>
<td>Buffed Anodized</td>
</tr>
<tr>
<td>Satin Chrome</td>
<td>626</td>
<td>26D</td>
<td>Brass, Satin &amp; Plated</td>
<td>Plated</td>
<td>Anodized</td>
</tr>
<tr>
<td>Satin Stainless Steel</td>
<td>630</td>
<td>32D</td>
<td>St. Steel, Satin</td>
<td>Plated</td>
<td>Anodized</td>
</tr>
</tbody>
</table>

Other finishes consult factory.

Push Bar Trim Options:
PU - "PUSH" - Embossed
BR - "CAUTION STAIRWELL" - Braille, embossed
EM - "EMERGENCY EXIT ONLY - PUSH TO OPEN AND SOUND ALARM" - Red silk screen lettered

Functions

<table>
<thead>
<tr>
<th>ANSI/BHMA No.</th>
<th>Operations</th>
<th>Trim Series</th>
<th>Options</th>
<th>Series Escutcheons</th>
<th>Cylinder Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Exit Only</td>
<td>Q401</td>
<td>N</td>
<td></td>
<td>Rim Cyl. N</td>
</tr>
<tr>
<td>02</td>
<td>Dummy Pull Only</td>
<td>Q402</td>
<td>Q502</td>
<td>N</td>
<td>Mortise Cyl. N</td>
</tr>
<tr>
<td>03</td>
<td>Night Latch, Key Retracts Latch Bolt</td>
<td>Q403R</td>
<td>Q503R</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>08</td>
<td>Key Locks or Unlocks Latch Bolt</td>
<td>N</td>
<td>Q508M</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>09</td>
<td>Night Latch Key Retracts Latch Bolt</td>
<td>N</td>
<td>Q509R</td>
<td>Y</td>
<td></td>
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<tr>
<td>11</td>
<td>Key Locks or Unlocks Latch Bolt</td>
<td>N</td>
<td>Q511M</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Night Latch Key Retracts Latch Bolt</td>
<td>N</td>
<td>Q512R</td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Lever Always Active, No Cylinder</td>
<td>N</td>
<td>Q514</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Turn Always Active, No Cylinder</td>
<td>N</td>
<td>Q516</td>
<td>N</td>
<td></td>
</tr>
</tbody>
</table>

Note:
Device functions are field selectable with the removal of drive screw in back of center case and determined by the type of trim adoption.

Dimensions
Sex Nuts and Bolts (SNB) are furnished with Q1024 SNB (No. 10-24) for Device or Q4120 SNB (No. 1/4-20) for Top Rod Latch and Bottom Rod Latch.

### Fasteners / Sex Bolts (SNB)

Furnished standard with machine screws. Specify sheet metal screws or wood screws when/if required. Specify Sex Bolts (SNB) where recommended or required by the door manufacturer.

<table>
<thead>
<tr>
<th>Devices No.</th>
<th>Specification</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q2100</td>
<td>Q1024 SNB (No. 10-24)</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Q4120 SNB (No. 1/4-20)</td>
<td>2</td>
</tr>
<tr>
<td>Q2200</td>
<td>Q1024 SNB (No. 10-24)</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Q4120 SNB (No. 1/4-20)</td>
<td>6</td>
</tr>
<tr>
<td>Q2300</td>
<td>Q1024 SNB (No. 10-24)</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Q4120 SNB (No. 1/4-20)</td>
<td>2</td>
</tr>
<tr>
<td>Q2500</td>
<td>Q1024 SNB (No. 10-24)</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Q4120 SNB (No. 1/4-20)</td>
<td>6</td>
</tr>
<tr>
<td>Q2100</td>
<td>Q1024 SNB (No. 10-24)</td>
<td>2</td>
</tr>
<tr>
<td>Q2200</td>
<td>Q1024 SNB (No. 10-24)</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Q4120 SNB (No. 1/4-20)</td>
<td>4</td>
</tr>
<tr>
<td>Q2300</td>
<td>Q1024 SNB (No. 10-24)</td>
<td>2</td>
</tr>
<tr>
<td>Q2500</td>
<td>Q1024 SNB (No. 10-24)</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Q4120 SNB (No. 1/4-20)</td>
<td>4</td>
</tr>
</tbody>
</table>

Hand of Doors

INSIDE

LHR

RHR

OUTSIDE
## Strike Application / Minimum Stile

<table>
<thead>
<tr>
<th>Device Type</th>
<th>Single Door Strike</th>
<th>Stile</th>
<th>Double Door Strike with Mullion</th>
<th>Stile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q2100</td>
<td>Q103</td>
<td>2&quot;(51mm)</td>
<td>Q103 x Q170 mullion</td>
<td>3&quot; (76.2mm)</td>
</tr>
<tr>
<td></td>
<td>Q106*</td>
<td>2-7/8&quot;(73mm)</td>
<td>Q106 x Q170 mullion</td>
<td>3-5/8&quot; (92mm)</td>
</tr>
<tr>
<td>Q2200</td>
<td>Q203 (Top)</td>
<td>2&quot;(51mm)</td>
<td>Q203 (Top)</td>
<td>2-1/8&quot; (54mm)</td>
</tr>
<tr>
<td></td>
<td>Q227 (Bottom)</td>
<td></td>
<td>Q227 (Bottom)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Q106* (Top)</td>
<td>2-5/16&quot; (58.7mm)</td>
<td>Q106* (Top)</td>
<td>2-5/16&quot; (58.7mm)</td>
</tr>
<tr>
<td></td>
<td>Q227 (Bottom)</td>
<td></td>
<td>Q227 (Bottom)</td>
<td></td>
</tr>
<tr>
<td>Q2300</td>
<td>Q216 (Top)</td>
<td>2&quot;(51mm)</td>
<td>Q216 (Top)</td>
<td>2-1/4&quot; (57.2mm)</td>
</tr>
<tr>
<td></td>
<td>Q227 (Bottom)</td>
<td></td>
<td>Q227 (Bottom)</td>
<td></td>
</tr>
<tr>
<td>Q2500</td>
<td>Q103 (Middle)</td>
<td>2-5/16&quot; (58.7mm)</td>
<td>Q103 x Q170 mullion</td>
<td>3&quot; (76.2mm)</td>
</tr>
<tr>
<td></td>
<td>Q203 (Top)</td>
<td></td>
<td>Q203 (Top)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Q227 (Bottom)</td>
<td></td>
<td>Q227 (Bottom)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Q106* (Middle)</td>
<td>2-7/8&quot;(73mm)</td>
<td>Q106 x Q170 mullion</td>
<td>3-5/8&quot; (92mm)</td>
</tr>
<tr>
<td></td>
<td>Q203 (Top)</td>
<td></td>
<td>Q203 (Top)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Q227 (Bottom)</td>
<td></td>
<td>Q227 (Bottom)</td>
<td></td>
</tr>
</tbody>
</table>

*Alternative option.*
Applications

- Offices, schools, banks, assisted living facilities and other institutions or commercial buildings.

Doors & Preparations

- For all types of single and double doors with/without a mullion. For mullions, see page 27.
- For new or retrofit installation into other manufacturers' devices.
- 1-3/4” to 2-1/4” thick, up to 4’ wide opening; for thicker doors, consult factory.
- Furnished standard for 1-3/4” thick, 3’ wide opening.
- For maximum door opening applications and listings for Fire Exit Devices, see page 36.
## Specifications

<table>
<thead>
<tr>
<th>Section</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stile</strong></td>
<td>- Minimum width 2” (51mm).</td>
</tr>
</tbody>
</table>
| **Certification/Compliance**    | - Panic devices UL/cUL listed for UL305 and ANSI/BHMA A156.3 Grade 1 Panic Hardware.  
                                - UL/cUL Fire rated for 3-hour Fire Exit Hardware, conforms to UL10C and UBC7-2. Also complies with NFPA80 Fire doors and windows. 
                                - Exit devices, levers, trims and pulls comply with American Disability Act (ADA) and NFPA 101 life safety code.                |
| **Center Case**                 | - Universal center case, heavy wrought steel and sintered metal parts.  
                                - Device functions are determined by adaptation with type of trim.                                                                           |
| **Strikes**                     |                                                                                                                                                                                               |
| **Dogging**                     | - NOT available on Fire Exit Hardware.  
                                - Flat/Hex key dogging standard.                                                                                                          |
| **Fasteners**                   |                                                                                                                                                                                               |
| **Sex Bolts (SNB)**             | - Required when used with wood, composite or non-reinforced hollow metal doors.  
                                - For Exit Only device, specify 2-Q1024 SNB (No. 10-24), 2-Q4120 SNB (No. 1/4-20). For device with trim specify 2-Q1024 SNB (No. 10-24). See page 10. |
| **Electric Functions**          | Can be interfaced with building security systems:  
                                - AL Alarm Exit  
                                - DE Delayed Egress Device  
                                - ELR Electric Latch Retraction  
                                - LM Latch Bolt Monitoring  
                                - RX Request to Exit  
                                - SS Signal Switch  
                                See page 30-32.                                                                                                                                         |
| **Device Centerline from Finished Floor** | - 39-5/8” (1006mm).                                                                                                        |
| **LatchBolt**                   | - Stainless Steel, deadlocking, 3/4” (19mm) throw.                                                                                                                                         |
| **Handing**                     | - Q500 Series Trim field reversible.  
                                - Device non-handed.  
                                - Specify handing for Q400 Series trim when ordering.                                                                                   |
| **Cylinders**                   | - NOT furnished standard, specify when required. For Cylinder details, see page 25.                                                                                                       |
| **Trim**                        | - The device & trim are sold separately, easy to mix and match, see page 20-22.                                                                                                            |
Applications
• Offices, schools, banks, assisted living facilities and other institutions or commercial buildings.

Doors & Preparations
• For all types of single and double doors.
• For new or retrofit installation into other manufacturers’ devices.
• For doors 1-3/4” to 2-1/4” thick, up to 4’ wide opening and up to 10’ high; for thicker doors, consult factory.
• Furnished standard for 1-3/4” thick, 3’ wide opening and 7’ high doors.
• For maximum door opening applications and listings for Fire Exit Devices, see page 36.
### Specifications

<table>
<thead>
<tr>
<th>Component</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stile</strong></td>
<td>Minimum width 2” (51mm). Panic devices UL/cUL listed for UL305 and ANSI/BHMA A156.3 Grade 1 Panic Hardware. UL/cUL Fire rated for 3-hour Fire Exit Hardware, conforms to UL10C and UBC7-2. Also complies with NFPA80 Fire doors and windows. Exit devices, levers, trims and pulls comply with American Disability Act (ADA) and NFPA 101 life safety code.</td>
</tr>
<tr>
<td><strong>Certification/Compliance</strong></td>
<td>Heavy wrought steel assembly with top and bottom rod adjustors. Adjustment accessible through center case after installation.</td>
</tr>
<tr>
<td><strong>Vertical Rods</strong></td>
<td>1/2” Square tubing, standard rods accommodate 7’ (2134mm) door. Top rod length is 36-1/8” (916mm), Bottom rod length is 31-7/8” (807mm) standard. Top rod length is 48-1/8” (1221mm) is available for 8’ (2438mm) door. Extension rod available 24” (609mm) for doors ranging between 8’ and 10’ high. Specify when ordering. For rod size, see page 28.</td>
</tr>
<tr>
<td><strong>Top Latch Bolt</strong></td>
<td>Stainless Steel, Pullman type deadlocking, 5/8” (16mm) throw.</td>
</tr>
<tr>
<td><strong>Bottom Bolt</strong></td>
<td>Stainless Steel, Pullman type deadlocking, independent action 5/8” (16mm) throw.</td>
</tr>
<tr>
<td><strong>Top &amp; Bottom Latch Case</strong></td>
<td>4-1/2” x 2-1/8” x 1-1/2” (114mm x 54mm x 38mm).</td>
</tr>
<tr>
<td><strong>Door Undercut</strong></td>
<td>1/4” (6mm).</td>
</tr>
<tr>
<td><strong>Fasteners</strong></td>
<td>Machine screws and wood screws are furnished standard.</td>
</tr>
<tr>
<td><strong>Sex Bolts (SNB)</strong></td>
<td>Required when used with wood, composite or non-reinforced hollow metal doors. For Exit Only device, specify 2-Q1024 SNB (No. 10-24), 2-Q4120 SNB (No. 1/4-20). For device with trim specify 2-Q1024 SNB (No. 10-24). See page 10.</td>
</tr>
<tr>
<td><strong>Electric Functions</strong></td>
<td>Can be interfaced with building security systems: AL Alarm Exit DE Delayed Egress Device ELR Electric Latch Retraction LM Latch Bolt Monitoring RX Request to Exit SS Signal Switch See page 30-32.</td>
</tr>
<tr>
<td><strong>Device Centerline from Finished Floor</strong></td>
<td>39-5/8” (1006mm).</td>
</tr>
<tr>
<td><strong>Fire Bolt (LBR)</strong></td>
<td>Available for door openings up to 8” wide x 10’ high. Specify suffix “LBR”. Fire bolt is heat activated - used in less bottom rod (LBR) option for fire exit devices.</td>
</tr>
<tr>
<td><strong>Handing</strong></td>
<td>Q500 Series Trim field reversible. Device non-handed. Specify handing for Q400 Series trim when ordering.</td>
</tr>
<tr>
<td><strong>Cylinders</strong></td>
<td>NOT furnished standard, specify when required. For Cylinder details, see page 25.</td>
</tr>
<tr>
<td><strong>Trim</strong></td>
<td>The device &amp; trim are sold separately, easy to mix and match, see page 20-22.</td>
</tr>
</tbody>
</table>
Applications
- Offices, schools, banks, assisted living facilities and other institutions or commercial buildings.

Doors & Preparations
- For all types of single and double doors.
- For new or retrofit installation into other manufacturers’ devices.
- For doors 1-3/4” to 2-1/4” thick, up to 4’ wide opening and up to 10’ high; for thicker doors, consult factory.
- Furnished standard for 1-3/4” thick, 3’ wide opening and 7’ high doors.
- For maximum door opening applications and listings for Fire Exit Devices, see page 36.
## Specifications

### Stile
- Minimum width 2” (51mm).
- Panic devices UL/cUL listed for UL305 and ANSI/BHMA A156.3 Grade 1 Panic Hardware.
- UL/cUL Fire rated for 3-hour Fire Exit Hardware, conforms to UL10C and UBC7-2. Also complies with NFPA80 Fire doors and windows.
- Exit devices, levers, trims and pulls comply with American Disability Act (ADA) and NFPA 101 life safety code.

### Certification/Compliance
- Heavy wrought steel assembly with top and bottom rod adjustors.
- Adjustment accessible through center case after installation.

### Center Case
- 1/2” Square tubing, standard rods accommodate 7’ (2134mm) door.
- Top rod length is 37” (940mm), Bottom rod length is 31-3/4” (805mm) standard.
- Top rod length is 49” (1245mm) is available for 8’ (2438mm) door.
- Extension rod available 23-7/8” (605mm) for doors ranging between 8’ and 10’ high. Specify when ordering.
- For rod size, see page 28.

### Vertical Rods
- Stainless Steel, Pullman type deadlocking, 5/8” (16mm) throw.
- Stainless Steel, Pullman type deadlocking, independent action 5/8” (16mm) throw.
- 4-1/2” x 2-1/8” x 1-1/2” (114mm x 54mm x 38mm).

### Top Latch Bolt
- 1/4” (6mm).

### Bottom Bolt
- Panic
  - Top: P/N. Q216
  - Bottom: P/N. Q227
- Fire
  - Top: P/N. Q216
  - Bottom: P/N. Q227F
  - See page 24.

### Top & Bottom Latch Case
- NOT available on Fire Exit Hardware.
- Flat/Hex key dogging standard.

### Strike
- Machine screws and wood screws are furnished standard.

### Dogging
- Required when used with wood, composite or non-reinforced hollow metal doors. For Exit Only device, specify 2-Q1024 SNB (No. 10-24), 2-Q4120 SNB (No. 1/4-20). For device with trim specify 2-Q1024 SNB (No. 10-24). See page 10.

### Electric Functions
- Can be interfaced with building security systems:
  - AL Alarm Exit
  - DE Delayed Egress Device
  - ELR Electric Latch Retraction
  - LM Latch Bolt Monitoring
  - RX Request to Exit
  - SS Signal Switch
  - See page 30-32.

### Device Centerline from Finished Floor
- 39-5/8” (1006mm).

### Fire Bolt (LBR)
- Available for door openings up to 8” wide x 10’ high. Specify suffix “LBR”.
- Fire bolt is heat activated - used in less bottom rod (LBR) option for fire exit devices.

### Handling
- Q500 Series Trim field reversible.
- Device non-handed.
- Specify handing for Q400 Series trim when ordering.

### Cylinders
- NOT furnished standard, specify when required. For Cylinder details, see page 25.

### Trim
- The device & trim are sold separately, easy to mix and match, see page 20-22.
Applications

- Offices, schools, banks, assisted living facilities and other institutions or commercial buildings.

Doors & Preparations

- For all types of single and double doors.
- For new or retrofit installation into other manufacturers' devices.
- For doors 1-3/4" to 2-1/4" thick, up to 4' wide opening and up to 10' high; for thicker doors, consult factory.
- Furnished standard for 1-3/4" thick, 3' wide opening and 7' high doors.
  - For maximum door opening applications and listings for Fire Exit Devices, see page 36.
## Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stile</strong></td>
<td>Minimum width 2-15/16” (58.7mm).</td>
</tr>
</tbody>
</table>
| **Certification/Compliance** | - Panic devices UL/cUL listed for UL305 and ANSI/BHMA A156.3 Grade 1 Panic Hardware.  
- UL/cUL Fire rated for 3-hour Fire Exit Hardware, conforms to UL10C and UBC7-2. Also complies with NFPA80 Fire doors and windows.  
- Exit devices, levers, trims and pulls comply with American Disability Act (ADA) and NFPA 101 life safety code. |
| **Center Case** | Heavy wrought steel assembly with top and bottom rod adjustors.  
Adjustment accessible through center case after installation. |
| **Vertical Rods** | 1/2” Square tubing, standard rods accommodate 7’ (2134mm) door.  
Top rod length is 36-1/8” (916mm), Bottom rod length is 31-7/8” (807mm) standard.  
Top rod length is 48-1/8” (1221mm) available for 8’ (2438mm) door.  
Extension rod available 24” (609mm) for doors ranging between 8’ and 10’ high. Specify when ordering.  
For rod size, see page 28. |
| **Top Latch Bolt** | Stainless Steel, Pullman type deadlocking, 5/8” (16mm) throw. |
| **Bottom Bolt** | Stainless Steel, Pullman type deadlocking, independent action 5/8” (16mm) throw.  
Round Slide Bolt optional. |
| **Top & Bottom Latch Case** | 4-1/2” x 2-1/8” x 1-1/2” (114mm x 54mm x 38mm). |
| **Door Undercut** | 1/4” (6mm). |
| **Panic Strikes** | P/N. Q203/Q106 (roller type) |
| **Fire Strikes** | P/N. Q227 |
| **Middle Strikes** | P/N. Q103 (roller type)  
P/N. Q108 (roller type) |
| **Bottom Strikes** | P/N. Q227F (No. 10-24)  
| **Dogging** | NOT available on Fire Exit Hardware.  
Flat/Hex key dogging standard. |
| **Fasteners** | Machine screws and wood screws are furnished standard. |
| **Sex Bolts (SNB)** | Required when used with wood, composite or non-reinforced hollow metal doors.  
For Exit Only device, specify 2-Q1024 SNB (No. 10-24), 2-Q4120 SNB (No. 1/4-20). For device with trim specify 2-Q1024 SNB (No. 10-24). See page 10. |
| **Electric Functions** | Can be interfaced with building security systems:  
- AL Alarm Exit  
- DE Delayed Egress Device  
- ELR Electric Latch Retraction  
- LM Latch Bolt Monitoring  
- RX Request to Exit  
- SS Signal Switch  
See page 30-32. |
| **Device Centerline from Finished Floor** | 39-5/8” (1006mm). |
| **Fire Bolt (LBR)** | Available for door openings up to 8” wide x 10’ high. Specify suffix “LBR”.  
Fire bolt is heat activated - used in less bottom rod (LBR) option for fire exit devices. |
| **Handing** | Q500 Series Trim field reversible.  
Device non-handed.  
Specify handing for Q400 Series trim when ordering. |
| **Cylinders** | NOT furnished standard, specify when required. For Cylinder details, see page 25. |
| **Trim** | The device & trim are sold separately, easy to mix and match, see page 20-22. |
Q400 Series Pull Trim

<table>
<thead>
<tr>
<th>Operation</th>
<th>ANSI/BHMA</th>
<th>01</th>
<th>02</th>
<th>03</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exit Only</td>
<td>Q2100</td>
<td>Q2100</td>
<td>Q2100</td>
<td>Q2100</td>
</tr>
<tr>
<td>Dummy Pull Only</td>
<td>Q2200</td>
<td>Q2200</td>
<td>Q2200</td>
<td>Q2200</td>
</tr>
<tr>
<td>Night Latch, Key Retracts Latch Bolt</td>
<td>Q2300</td>
<td>Q2300</td>
<td>Q2300</td>
<td>Q2300</td>
</tr>
<tr>
<td>Cylinder Type</td>
<td>Rim</td>
<td>Rim</td>
<td>Mortise</td>
<td>Rim</td>
</tr>
<tr>
<td>Specify Handing</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
</tbody>
</table>

Q500 Series Escutcheon

<table>
<thead>
<tr>
<th>Operation Options</th>
<th>ANSI/BHMA</th>
<th>02</th>
<th>03</th>
<th>8</th>
<th>9</th>
<th>14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dummy Pull Only</td>
<td>Q2100</td>
<td>Q2100</td>
<td>Q2100</td>
<td>Q2100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Night Latch Key Retracts Latch Bolt</td>
<td>Q2200</td>
<td>Q2200</td>
<td>Q2200</td>
<td>Q2200</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Key Locks or Unlocks Latch Bolt</td>
<td>Q2300</td>
<td>Q2300</td>
<td>Q2300</td>
<td>Q2300</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Night Latch Key Retracts Latch Bolt</td>
<td>Q2500</td>
<td>Q2500</td>
<td>Q2500</td>
<td>Q2500</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lever Always Active</td>
<td>Q2100</td>
<td>Q2100</td>
<td>Q2100</td>
<td>Q2100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>No Cylinder</td>
<td>Q2100</td>
<td>Q2100</td>
<td>Q2100</td>
<td>Q2100</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Features

1. Trims are furnished with wrought plate and extruded or with cast solid grips.
2. Trims are designed to retrofit into other manufacturers’ devices.
3. Trims are UL/cUL certified for ANSI/BHMA A156.3 Grade 1 and 3-Hour Fire Rated.
4. Trims are through bolted. (“GD” Grip furnished standard, unless specified).
5. For Trim dimensions see page 10.
6. Specify handing when ordering.

Grip Options

- GK type
- GD type (Standard)
Q500 Series Escutcheon

<table>
<thead>
<tr>
<th>ANSI/BHMA</th>
<th>Operation</th>
<th>Device No.</th>
<th>Cylinder Type</th>
<th>Specify Handing</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>Key Locks or Unlocks Latch Bolt</td>
<td>Q2100</td>
<td>Mortise</td>
<td>N</td>
</tr>
<tr>
<td>12</td>
<td>Night Latch Key Retracts Latch Bolt</td>
<td>Q2200</td>
<td>Mortise</td>
<td>N</td>
</tr>
<tr>
<td>16</td>
<td>Turn Always Active, No Cylinder</td>
<td>Q2300</td>
<td>Mortise</td>
<td>N</td>
</tr>
<tr>
<td>11</td>
<td>Key Locks or Unlocks Latch Bolt</td>
<td>Q2500</td>
<td>Mortise</td>
<td>N</td>
</tr>
<tr>
<td>16</td>
<td>Turn Always Active, No Cylinder</td>
<td>Q2100</td>
<td>Mortise</td>
<td>N</td>
</tr>
</tbody>
</table>

Illustration

- Dummy Trim: Lever or Knob rigid for pull operation (For 02 Function)
- Blank Escutcheon: Lever or Knob always active (For 14 Function)
- Night Latch: Key retracts latch bolt, Lever or Knob is rigid (For 09 Function)

Features
1. Escutcheon and lever with sleek and seamless design produced by casting or forging.
2. Trims are designed to retrofit into other manufacturers’ devices.
3. Handing field reversible.
4. Trims are UL/cUL certified for ANSI/BHMA A156.3 Grade 1 and 3-Hour Fire Rated.
5. Specify lever or knob design. ("D" Lever furnished standard, unless specified).
   For Trim dimensions see page 10.
Model Q508 Operation Breakable Cam

Model Q508

Key Locks or Unlocks
Lever
(For 08/11 Functions)

Model Q508 Trim is composed of heavy duty investment cast steel, an internal breakable cam to break away at predetermined load applied to outside lever handle in locked mode without damaging or violating security. The cam is easily replaceable with minimum efforts.

The breakable cam is a replaceable part.
Rim Device

Q103 Rim Strike
for Rim / 3PT

Q106 Rim Strike
for Rim / SVR / 3PT top strike

Q108 Rim Strike
for double door Rim / SVR / 3PT use with 170/270 mullion

Q136 Rim Strike
for double door Rim/SVR/CVR combination with coordinator

Strikes
Vertical Rod Device

**Top Strike**
- **Q215 Top Strike** for flush transom SVR/3PT
- **Q216 Top Strike** for CVR

**Bottom Strike**
- **Q227/Q227F Bottom Strike** standard furnished for SVR/CVR/3PT
- **Q224 Bottom Strike** optional for SVR/3PT

**Flat Bottom Strike**
- **Q225 Bottom Strike** optional for SVR/CVR/3PT round slide bolt
- **Q226 Bottom Strike** optional for SVR/CVR/3PT round slide bolt
Cylinders are not furnished standard with the device or trim, specify when required. Small Format interchangeable Core combined/uncombined standard. 626, 606, or 613 finish. Schlage C Keyway, 6-pin also available in 630 or 626 finish. Specify type and finish when ordering.

<table>
<thead>
<tr>
<th>Cylinder Type</th>
<th>Applications</th>
<th>Trim</th>
<th>Cylinder</th>
<th>Cyl. Length (Part/No.)</th>
<th>Cylinder Cam</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mortise Cylinder</td>
<td>08/11 for RIM/SVR/CVR/3PT</td>
<td>Q500</td>
<td>Standard I/C</td>
<td>1 1/8” (441-102)</td>
<td>440-0704</td>
</tr>
<tr>
<td></td>
<td>Cylinder Dogging</td>
<td></td>
<td>Standard I/C</td>
<td>1 1/4” (442-601)</td>
<td>440-0708</td>
</tr>
<tr>
<td></td>
<td>All Device</td>
<td></td>
<td>Standard I/C</td>
<td>1 1/4” (441-103)</td>
<td>440-0702</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Standard I/C</td>
<td>1 3/8” (442-701)</td>
<td>440-0706</td>
</tr>
<tr>
<td>Rim Cylinder</td>
<td>03 for RIMS/SVR/CVR/3PT</td>
<td>Q400</td>
<td>Standard I/C</td>
<td>Tailpiece Length</td>
<td>3 1/8” (79.6mm)</td>
</tr>
<tr>
<td></td>
<td>(Must use with Cylinder Guard Part/No. 611824-020)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>03/09/12 for RIM/SVR/CVR/3PT</td>
<td>Q500</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Cylinder Guard**

611824-020
For use on Q403R
Dogging Options

**LD-Less Dogging**
Less Dogging is available in all Q2000 Series panic exit devices.

**CD-Cylinder Dogging**
Available for all models except Fire Exit Hardware. Cylinder Dogging provides the ability to lock down the push bar with a key cylinder; allowing the door can be used in the Push/Pull mode. To order, “CD”, requires the use of a 1-1/4” mortise cylinder (not furnished standard).

**HKD-Flat / Hex Key Dogging**

**ED-Electric Dogging**
Details, see page 30.
Q170
Keyed Removable Mullion
Provides a secure, quick & easy means of removal. The Mullion can be installed and locked without using key.

Top and Bottom Fittings: Investment cast steel, furnished with steel anchors for floors.

- Mullion: 2" x 3" Steel.
- Stock Size: 8' length standard, can be cut for opening less than 8'.
  10' length available upon request.

Finish: 600, 689, 695
UL Listed: Listed for 3-Hour Fire Rated Exit Hardware.
Cylinder: Not furnished standard, keying is standard 1-1/8" mortise cylinder with cam.

The head design of Q170/QF170: Provides a secure, quick & easy means of removal. The Mullion can be installed and locked without using key.

Q270
Non-Keyed Removable Mullion

Top and Bottom Fittings: Investment cast steel, furnished with steel anchors for concrete floors.

- Mullion: 2" x 3" Steel
- Stock Size: 8' length standard, can be cut for openings less than 8'.
  10' length available upon request.

Finish: 600, 689, 695
UL Listed: Listed for 3-Hour Fire Rated Exit Hardware.

How to order:

<table>
<thead>
<tr>
<th>Model</th>
<th>Height</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q170</td>
<td>7</td>
<td>600</td>
</tr>
<tr>
<td>QF170</td>
<td>7', 8', 10'</td>
<td>600, 689, 695</td>
</tr>
<tr>
<td>Q270</td>
<td>Non-Keyed</td>
<td></td>
</tr>
<tr>
<td>QF270</td>
<td>Non-Keyed, Fire Rated</td>
<td></td>
</tr>
</tbody>
</table>

Note: Q108 Rim Strike sold separately. TR200A Ring Package required for Keyed Mullions.

Removable mullions are used with paired doors where a full width opening is only occasionally required. Doors are fitted with Rim Exit Devices and normally function as single doors. Available in 7', 8' or 10' lengths.
### Shims

For Q106 Rim strike  
P/N. 616819-020  
Two (2) pieces furnished standard.

For Q108 Rim strike  
P/N. 616819-030  
Two (2) pieces furnished standard.

For CVR top & bottom latches  
P/N. 616819-050  
Sixteen (16) pieces furnished standard for Top and Bottom latches. Eight (8) pieces furnished standard for LBR.

### Top Rod

<table>
<thead>
<tr>
<th>Illustration</th>
<th>Device No.</th>
<th>Part No.</th>
<th>Rod Length</th>
<th>Door Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q2200, Q2500 (SVR/3PT)</td>
<td>616823-020</td>
<td>36-1/8&quot; (916mm)</td>
<td>7&quot;</td>
<td></td>
</tr>
<tr>
<td>616823-030</td>
<td>48-1/8&quot; (1221mm)</td>
<td>8&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Add 616823-040*</td>
<td>48-1/8&quot; (1221mm)</td>
<td>10&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Add 616823-070</td>
<td>24&quot; (609mm)</td>
<td>7&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Q2300 (CVR)</td>
<td>616823-080</td>
<td>37&quot; (940mm)</td>
<td>8&quot;</td>
<td></td>
</tr>
<tr>
<td>Add 616823-050*</td>
<td>49&quot; (1245mm)</td>
<td>10&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Add 616823-050*</td>
<td>23-7/8&quot; (605mm)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Extension Rod

### Bottom Rod

For push bar location at 39-5/8" (1006 mm) from finished floor

<table>
<thead>
<tr>
<th>Illustration</th>
<th>Device No.</th>
<th>Part No.</th>
<th>Rod Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q2200, Q2500 (SVR/3PT)</td>
<td>616823-010</td>
<td>31-7/8&quot; (807mm)</td>
<td></td>
</tr>
<tr>
<td>Q2300 (CVR)</td>
<td>616823-060</td>
<td>31-3/4&quot; (805mm)</td>
<td></td>
</tr>
</tbody>
</table>
Gravity Coordinator
CR-07/CR-09
- The Gravity coordinator is applied on pair doors to allow inactive door to close before the active door.
- Nylon and rubber rollers provide quiet and efficient operation and help protect the doors from damage.
- Non-handed.
- UL/cUL certified for ANSI/BHMA A156.3 Grade 2 and 3-Hour Fire Rated.
- Finishes: 626.

Bar Coordinator
- The Bar coordinator is applied on pair doors to allow inactive door to close before the active door.
- All Bar Coordinator units function easily. The active door lever, located nearest to the active stop, holds the active door open until the trigger mechanism is released by the closing of the inactive door.
- All Bar Coordinator units are equipped with an adjustable override feature which allows the active door to close first under extreme pressure.
- All Bar Coordinator units are compatible with Flush Bolts.
- Finishes: 626.

Carry Open Bar
CR-CB
- The Carry Open Bar is applied on pair doors.
- When the inactive door is opened, the Carry Open Bar provides the automatic opening of the active door as well.
- The Carry Open Bar cannot be installed along with Flush Bolts.
- Non-handed.
- Finishes: 626.

Dummy Push Bar
DP3/DP4 Inactive
- A push/pull operation can be accomplished by using an outside dummy trim.
- Size: 3' or 4' (914mm or 1219mm).
- Finishes: See page 9.
Electric Latch Retraction – ELR (ED)

Latch Retraction for the Exit Device can be remoted for ELR option. Continuous duty solenoid can retract Latchbolts under condition of unlatching or continually dogging. The ELR option can be applied with card readers, toggles or key switches, push buttons and fire alarm systems. PS100 power supply is required for the use of ELR option.

* UL Listed for Panic and Fire for Class II Circuity.
* ELR is available with manual Flat/Hex Key for Panic Exit Devices.

Solenoid Specifications:
* Current Pulse (0.3 seconds) : 24 VDC, 16 Amp.
* Continuous : 24 VDC, 0.3 Amp.

Signal Switch – SS

Micro-switch
Detecting Pushbar and Latch bolt

Two internal switches are mounted into the device. (One switch is designed to monitor push bar and latch bolt assembly while there is unauthorized use to the device, alarm will be sounded once the switch has been activated). The other switch is to connect with the 1 1/4” (32mm) mortise with straight cam when alarm has been triggered. A power supply must be set from the frame to the door.

Electrical Ratings:
* 24VDC, 2 Amp SPDT.
  SPDT (Single Pole, Double Throw)
The Alarm Exit provides a simple way to audibly monitor the use of an exit device. The unit contains an alarm which is activated when the push bar is depressed. Alarm sounds at 85db. The unit operates on one standard 9-volt alkaline battery. When the battery is weak, the horn will emit an intermittent low battery alert signal. Can also be powered using the PS-100 Power Supply.

The AL requires a standard 1-1/4" Mortise Cylinder which is used as a key switch to perform the following functions:
- Silence the alarm after activation.
- Deactivate the alarm for continuous unmonitored egress.
- Activate mechanical dogging for Non-Fire Rated Devices.

The Alarm Exit is available in kits for retrofit on existing Q1000 Series Devices. Specify finish when ordering.

To order:
Example ALK Kit-36-630

Alarm kits are available with a choice of two switch kits, RX or LM. RX monitors the push pad and is furnished standard.

The AL is available with 2 optional circuit boards. External Inhibit (EI) allows for the use of external switch to be used to arm, disarm and reset the alarm. Auto Reset (AR) rearms the alarm after a preset time. AR is available in three factory set times - 1-1/2, 3 or 5 minutes.

Available for all Q1000 Series Devices from 3'0" to 4'0" wide doors, decal for application on door:

EMERGENCY EXIT ONLY
PUSH TO OPEN  ALARM WILL SOUND

The RX feature is used to signal the use of an opening. This device is equipped with one internal SPDT switch which monitors the pushpad. The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply.

Electrical Ratings:
- Switch rated: 24VDC, 0.5Amp SPDT.
  SPDT (Single Pole, Double Throw)

Request to Exit – RX

Micro-switch Detecting Latch Bolt
The LM feature is used to signal the use of an opening. This device is equipped with one internal SPDT switch which monitors the latch bolt. The device can be connected to a security console, or may be used as a single door alarm when used with a horn and power supply.

Electrical Ratings:
- Switch rated: 24VDC, 0.5Amp SPDT.
  SPDT (Single Pole, Double Throw)

Latch Bolt Monitoring – LM

Micro-switch Detecting Pushbar
Delayed Egress Device – DE

The Delayed Egress Exit Device provides a controlled egress for openings which require Panic or Fire Exit Hardware for safe egress. It is a self contained exit device, which when armed will deny exit to unauthorized personnel for 15 or 30 seconds, while simultaneously sounding a local or remote audible alarm. The Remote Monitoring feature will alert the security personnel that an attempt is being made to exit the opening. After the 15 (or 30) second delay of egress period, the device will function as a standard exit device for safe egress.

OPERATION:
The device secures the door in the locked mode with the Red LED indicating locked status. Depressing the Push bar by accident or for less than the Nuisance Delay Time will sound the alarm without initiating the alarm sequence. Depressing the Push bar with less than 15 pounds pressure, for longer than the Nuisance Delay Time will initiate an irreversible local audible beeping tone and a visual Red indicator until the device releases. After the delay egress time, the lock releases and the alarm changes to a steady tone which continues to alarm until reset. The remote monitoring contact output can be used to alert security personnel.

The Delayed Egress device includes decal for application on door:

**PUSH UNTIL ALARM SOUNDS**
**DOOR CAN BE OPENED IN 15 SECONDS**

**Solenoid Specifications:**
* Current Pulse (0.3 seconds) : 24 VDC, 16 Amp.
* Continuous : 24 VDC, 0.3 Amp
  Requires PS100 Power Supply.

**Note:** A "30 Second" decal is provided when the 30 Second Delay option is specified.
QPS100 Power Supply

The QPS100 Power Supply is applicable for extensive range of electrical products. Q100-2 PCB is REQUIRED for use of ELR devices. The series Q100 has an option to provide key to lock the enclosure. Battery backup has two hours backup power at full load during an A.C. power failure. “Batteries will automatically recharge when failed power is restored. Fire Alarm provides input for a normally closed fire alarm contact. When the fire alarm contact is “open”, power to locks or other component is removed. Restoring power is field selectable for automatic or manual.”

Specifications:

- UL listed for Class II output
- LED indicators for AC input, DC output and battery backup status.
- The power supply can control up to (4) Delayed Egress Exit Devices.
- Circuit breakers provide protection for Motherboard.
- Standard input options: 120VAC, 1.0 Amp or 240VAC, 0.5 Amp.
- Output power: 24VDC, 2 Amp or 12VDC, 4 Amp.
- Power Supply box: 10” high x 12-1/2” wide x 5” deep (254mm x 318mm x 127mm), gray with a hinged cover and constructed of heavy 19 gauge steel.
- 3 options: (1) Key lock
  (2) Fire alarm
  (3) Battery backup (2hrs) while A.C. power failure

To order:
The Power Supply model is determined on the number of devices requiring electrical power:

- **QPS101** Voltage 120VAC
- **QPS102** Voltage 240VAC
- **QPS101K** Voltage 120VAC with Key lock
- **QPS102K** Voltage 240VAC with Key lock
- **QPS101-2** Two (2) Zone Controller Board
- **QPS101-4** Two (2) Zone Controller Board x 2
- **QPS101-FA** Fire Alarm
- **QPS101-BB** Battery Backup
Optional Circuit Cards

Q100-2 Two (2) Zone Controller Board
Q100-FA Fire Alarm
Q100-K Key lock
Q100-101 120VAC Power Supply Board
Q100-102 240VAC Power Supply Board
Q100-101 120VAC Power Supply Board
Q100-102 240VAC Power Supply Board
Q100-BB Battery Backup

The QPS100 series is available with several optional circuit cards to provide system flexibility. The power supply will accept one or a combination of any two cards.

To order:
- Q100-2 Two (2) Zone Controller Board
- Q100-K Key lock
- Q100-101 120VAC Power Supply Board
- Q100-102 240VAC Power Supply Board
- Q100-FA Fire Alarm
- Q100-BB Battery Backup

Maximum wire run:
- 75 ft. with 14 gauge wire and 28 gauge Power Transfer
- 100 ft. with 14 gauge wire and 24 gauge Power Transfer
- 200 ft. with 12 gauge wire and 24 gauge Power Transfer

Power Transfer – EPT

EPT-1 Power Transfer with steel housing and flexible tube. Secure and inconspicuous channel to bring power from the frame to the door. Narrow, shallow channel easily mortises into door edges. Accepts up to 5/16" diameter wire bundle. Accommodates doors that swing open 120 degrees. Unit is concealed when the door is closed. Suitable for wood, aluminum or steel door applications.

EPT-2 Armored flex conduit. Accepts up to 1/4" diameter wire bundle. Eighteen inches long.

To order:
- Specify EPT-1
- Specify EPT-2
# QF2000 Series Narrow Stile Fire Exit Devices

## Maximum Door Opening Applications and Listings

<table>
<thead>
<tr>
<th>Exit Devices</th>
<th>Door Metal</th>
<th>Single Door</th>
<th>With Q170 Mullion</th>
<th>With Q270 Mullion</th>
<th>VR/VR Same Direction</th>
<th>VR/VR Double Egress</th>
</tr>
</thead>
<tbody>
<tr>
<td>QF2100 RIM</td>
<td>Metal</td>
<td>3 Hour 4' x 8'</td>
<td>3 Hour 8' x 8'</td>
<td>3 Hour 8' x 8'</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>QF2200 SVR</td>
<td>Metal</td>
<td>3 Hour 4' x 10'</td>
<td>---</td>
<td>---</td>
<td>3 Hour 8' x 10'</td>
<td>3 Hour 8' x 10'</td>
</tr>
<tr>
<td>QF2200 LBR</td>
<td>Metal</td>
<td>3 Hour 4' x 10'</td>
<td>---</td>
<td>---</td>
<td>3 Hour 8' x 10'</td>
<td>3 Hour 8' x 10'</td>
</tr>
<tr>
<td>QF2300 CVR</td>
<td>Metal</td>
<td>3 Hour 4' x 10'</td>
<td>---</td>
<td>---</td>
<td>3 Hour 8' x 10'</td>
<td>3 Hour 8' x 10'</td>
</tr>
<tr>
<td>QF2300 LBR</td>
<td>Metal</td>
<td>3 Hour 4' x 10'</td>
<td>---</td>
<td>---</td>
<td>3 Hour 8' x 10'</td>
<td>3 Hour 8' x 10'</td>
</tr>
<tr>
<td>QF2500 3PT</td>
<td>Metal</td>
<td>3 Hour 4' x 8'</td>
<td>3 Hour 8' x 8'</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
</tbody>
</table>

**Notes:**
1. Fire Exit Device Conforms to UL10C and UBC7-2.
2. Fire Exit Device is applicable for wood door with 1-1/2 Hour or 1/3 Hour rating.
3. Consult with Door Manufacturer for specific limitations on Fire Door Assemblies.
## Typical Installation

### Single Door

#### Rim Exit Device / Vertical Rod Exit Devices

<table>
<thead>
<tr>
<th></th>
<th>Q2000 Series Narrow Stile Exit Devices</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Panic</td>
<td>RIM</td>
<td>Q2100</td>
</tr>
<tr>
<td></td>
<td>SVR</td>
<td>Q2200</td>
</tr>
<tr>
<td></td>
<td>CVR</td>
<td>Q2300</td>
</tr>
<tr>
<td></td>
<td>3PT</td>
<td>Q2500</td>
</tr>
<tr>
<td>Fire (3 Hours)</td>
<td>RIM</td>
<td>QF2100</td>
</tr>
<tr>
<td></td>
<td>SVR</td>
<td>QF2200</td>
</tr>
<tr>
<td></td>
<td>CVR</td>
<td>QF2300</td>
</tr>
<tr>
<td></td>
<td>3PT</td>
<td>QF2500</td>
</tr>
</tbody>
</table>

*Door Size*
Typical Installation

Double Egress Opening

Two Surface Vertical Rod Devices

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Panic</td>
<td>SVR x SVR</td>
<td>Q2200 x Q2200</td>
</tr>
<tr>
<td>Fire (3 Hours)</td>
<td>SVR x SVR</td>
<td>QF2200 x QF2200</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Up to 8’ x 10’ Door Size</td>
</tr>
</tbody>
</table>

Two Concealed Vertical Rod Devices

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Panic</td>
<td>CVR x CVR</td>
<td>Q2300 x Q2300</td>
</tr>
<tr>
<td>Fire (3 Hours)</td>
<td>CVR x CVR</td>
<td>QF2300 x QF2300</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Up to 8’ x 10’ Door Size</td>
</tr>
</tbody>
</table>

Note: Fire Rated Door with Auxiliary Fire Bolt.

Double Egress Opening
Less Bottom Rod

Two Surface Vertical Rod Devices Less Bottom Rod

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Panic</td>
<td>SVR x SVR</td>
<td>Q2200LBR x Q2200LBR</td>
</tr>
<tr>
<td>Fire (3 Hours)</td>
<td>SVR x SVR</td>
<td>QF2200LBR x QF2200LBR</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Up to 8’ x 10’ Door Size</td>
</tr>
</tbody>
</table>

Two Concealed Vertical Rod Devices

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Panic</td>
<td>CVR x CVR</td>
<td>Q2300LBR x Q2300LBR</td>
</tr>
<tr>
<td>Fire (3 Hours)</td>
<td>CVR x CVR</td>
<td>QF2300LBR x QF2300LBR</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Up to 8’ x 10’ Door Size</td>
</tr>
</tbody>
</table>

Note: Fire Rated Door with Auxiliary Fire Bolt.

Two Rim Exit Devices with Removable Mullion, Same Direction

Two Rim Exit Devices with Removable Mullion

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Panic</td>
<td>RiM x RiM</td>
<td>Q2100 x Q2100</td>
</tr>
<tr>
<td>Fire (3 Hours)</td>
<td>RiM x RiM</td>
<td>QF2100 x QF2100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Up to 8’ x 10’ Door Size</td>
</tr>
</tbody>
</table>

Two Three-Point Latching Devices with Removable Mullion

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Panic</td>
<td>3PT x 3PT</td>
<td>Q2500 x Q2500</td>
</tr>
<tr>
<td>Fire (3 Hours)</td>
<td>3PT x 3PT</td>
<td>QF2500 x QF2500</td>
</tr>
<tr>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Note: With 170 Keyed / 270 Non-Keyed Removable Mullion.
Two Vertical Rod Devices, Same Direction Less Bottom Rod
(Do not use overlapping astragal)

Surface Vertical Rod Devices Less Bottom Rod

<table>
<thead>
<tr>
<th></th>
<th>SVR x SVR</th>
<th>Q2200LBR x Q2200LBR</th>
<th>Up to 8' x 10' Door Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panic</td>
<td>SVR x SVR</td>
<td>QF2200LBR x QF2200LBR</td>
<td>Up to 8' x 10' Door Size</td>
</tr>
<tr>
<td>Fire (3 Hours)</td>
<td>CVR x CVR</td>
<td>Q2300LBR x Q2300LBR</td>
<td>Up to 8' x 10' Door Size</td>
</tr>
<tr>
<td></td>
<td>CVR x CVR</td>
<td>QF2300LBR x QF2300LBR</td>
<td>Up to 8' x 10' Door Size</td>
</tr>
</tbody>
</table>

Note: Fire Rated Door with Auxiliary Fire Bolt.

Two Vertical Rod Devices, Same Direction (Do not use overlapping astragal)

Two Surface Vertical Rod Devices

<table>
<thead>
<tr>
<th></th>
<th>SVR x SVR</th>
<th>Q2200 x Q2200</th>
<th>Up to 8' x 10' Door Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panic</td>
<td>SVR x SVR</td>
<td>QF2200 x QF2200</td>
<td>Up to 8' x 10' Door Size</td>
</tr>
</tbody>
</table>

Two Concealed Vertical Rod Devices

<table>
<thead>
<tr>
<th></th>
<th>CVR x CVR</th>
<th>Q2300 x Q2300</th>
<th>Up to 8' x 10' Door Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panic</td>
<td>CVR x CVR</td>
<td>QF2300 x QF2300</td>
<td>Up to 8' x 10' Door Size</td>
</tr>
</tbody>
</table>

Vertical Rod Devices / RIM Exit Devices, Same Direction

One Rim Exit Device x One Vertical Rod Device

<table>
<thead>
<tr>
<th></th>
<th>RIM x SVR</th>
<th>Q2100 x Q2200</th>
<th>Up to 8' x 10' Door Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire (3 Hours)</td>
<td>RIM x CVR</td>
<td>QF2100 x QF2200</td>
<td>Up to 8' x 10' Door Size</td>
</tr>
<tr>
<td></td>
<td>RIM x SVR</td>
<td>QF2100 x QF2300</td>
<td>Up to 8' x 10' Door Size</td>
</tr>
<tr>
<td></td>
<td>RIM x CVR</td>
<td>QF2100 x QF2300</td>
<td>Up to 8' x 10' Door Size</td>
</tr>
</tbody>
</table>
How to Order Mechanical Device - RIM, CVR, SVR, 3PT

LINE 1 – DEVICE

Device Number and Rating:

<table>
<thead>
<tr>
<th>Device</th>
<th>Number</th>
<th>Rating</th>
<th>Finish</th>
<th>Lever/Knob</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panic</td>
<td>Q2100</td>
<td>RIM</td>
<td>QF2100 RIM</td>
<td>D Q A K / B P T</td>
</tr>
<tr>
<td></td>
<td>Q2200</td>
<td>SVR</td>
<td>QF2200 SVR</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Q2300</td>
<td>CVR</td>
<td>QF2300 CVR</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Q2500</td>
<td>3PT</td>
<td>QF2500 3PT</td>
<td></td>
</tr>
</tbody>
</table>

Device Size:

36” and 48”

Finish (see page 9):

605 (US3) 613 (US10B) 626 (US26D)
606 (US4) 625 (US26) 630 (US32D)

Doggling (see page 6):

Blank: Flat/Hex Key Dogging
CD: Cylinder Dogging
LD: Less Dogging

Bottom Rod and Latch Options:

LBR: Less Bottom Rod
RBL: Round Bottom Latch
PL: Pullman Latch

For Push Bar Trim Options, see page 9. Add as suffix.

LINE 2 – STRIKE OPTIONS

Standard strikes included with Device.

Q106 RIM Strike Q227 SVR, CVR, 3PT Bottom Strike
Q108 CVR Strike Q224 SVR, CVR, 3PT Bottom Strike
Q136 RIM Pair Door Strike Q225 SVR, CVR, 3PT Bottom Strike
Q203 SVR Top Strike Q226 SVR, CVR, 3PT Bottom Strike
Q215 SVR Top Strike

Optional strikes sold separately.

Q103 RIM Strike Q216 CVR Top Strike
Q108 RIM Strike Q224 SVR, CVR, 3PT Bottom Strike
Q136 RIM Pair Door Strike Q225 SVR, CVR, 3PT Bottom Strike
Q203 SVR Top Strike Q226 SVR, CVR, 3PT Bottom Strike
Q215 SVR Top Strike

LINE 3 – MECHANICAL TRIM

Trim Number (see pages 20-21):

<table>
<thead>
<tr>
<th>Q400 Series</th>
<th>Q401</th>
<th>Q402</th>
<th>Q403R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q500 Series</td>
<td>Q502</td>
<td>Q503R</td>
<td>Q508M</td>
</tr>
<tr>
<td></td>
<td>Q509R</td>
<td>Q511M</td>
<td>Q512R</td>
</tr>
<tr>
<td></td>
<td>Q514</td>
<td>Q516</td>
<td>Q511P+Q402</td>
</tr>
<tr>
<td></td>
<td>(Q511P+Q402, Q516P+Q402 applicable with CVR, SVR)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Finish:

605 (US3) 606 (US4) 613 (US10B) 625 (US26) 626 (US26D) 630 (US32D)

Lever/Knob:

D Q A K / B P T

LINE 4 – SFIC CYLINDERS

For Q403R order 40500-finish
For Q503R, Q509R, and Q512R order 40500-finish
For Q508M Q511M, and Q511P+Q402 order 442-601-finish-440-0708
For Cylinder Dogging order 442-701-finish-440-0706
For Schlage C Plug option consult Cylinder chart on page 25.

Note: Q403R also needs Cylinder Guard 611824-020. With Standard Cylinder order Cylinder Guard 4240-0203-finish. Thick door uses 4240-0203-finish. For specification details, please contact MBS.

For Sex Bolts (SNB) consult chart on page 10.
How to Order Electrified Device - RIM, CVR, SVR, 3PT

<table>
<thead>
<tr>
<th>LINE 1 – DEVICE</th>
<th>ELR</th>
<th>Q2200</th>
<th>36”</th>
<th>626</th>
<th>LD</th>
<th>RBL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prefix for Electric Options:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AL</td>
<td>Alarm Exit</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>DE</td>
<td>Delayed Egress Device</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELR</td>
<td>Electric Latch Retraction</td>
<td></td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>LM</td>
<td>Latch Bolt Monitoring</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RX</td>
<td>Request to Exit</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SS</td>
<td>Signal Switch</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Additional Available Combinations:
- ELR-LM
- ELR-RX
- ELR-RX-LM
- RX-LM

Device Number and Rating:

<table>
<thead>
<tr>
<th>Device</th>
<th>Panic</th>
<th>Q2100 RIM</th>
<th>FIRE</th>
<th>Q2100 RIM</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Q2200 SVR</td>
<td>FIRE</td>
<td>Q2200 SVR</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Q2300 CVR</td>
<td>FIRE</td>
<td>Q2300 CVR</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Q2500 3PT</td>
<td>FIRE</td>
<td>Q2500 3PT</td>
<td></td>
</tr>
</tbody>
</table>

Device Size:
36” and 48”

Finish (see page 9):
- 605 (US3)
- 613 (US10B)
- 626 (US26D)
- 625 (US4)
- 625 (US26)
- 630 (US32D)

Doggling (see page 26):
- Blank
- Flat/Hex Key Dogging
- CD: Cylinder Dogging
- LD: Less Dogging

Bottom Rod and Latch Options:
- LBR: Less Bottom Rod
- RBL: Round Bottom Latch
- PL: Pullman Latch

Note: for DE with 30 second delay option, add -30 suffix
For Push Bar Trim Options, see page 9. Add as suffix.

LINE 2 – STRIKE OPTIONS

Standard strikes included with Device.
- Q106 RIM Strike
- Q227 SVR, CVR, 3PT Bottom Strike

Optional strikes sold separately.
- Q103 RIM Strike
- Q108 RIM Strike
- Q136 RIM Pair Door Strike
- Q203 SVR Top Strike
- Q215 SVR Top Strike
- Q216 CVR Top Strike
- Q224 SVR, CVR, 3PT Bottom Strike
- Q225 SVR, CVR, 3PT Bottom Strike
- Q226 SVR, CVR, 3PT Bottom Strike

LINE 3 – MECHANICAL TRIM

Trim Number (see pages 20-21):

<table>
<thead>
<tr>
<th>Q400 Series</th>
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<th>Q403R</th>
</tr>
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<tbody>
<tr>
<td>Q500 Series</td>
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<td>Q503R</td>
<td>Q508M</td>
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<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Finish:
- 605 (US3)
- 606 (US4)
- 613 (US10B)
- 625 (US26)
- 626 (US26D)
- 630 (US32D)

Lever/Knob:
- D
- Q
- A
- K
- BPT

LINE 4 – SFIC CYLINDERS

For Q403R
- order 40500-finish

For Q503R, Q509R, and Q512R
- order 40300-finish
- order 442-601-finish-440-0708
- order 442-701-finish-440-0706

For Cylinder Dogging
- consult Cylinder chart on page 25.

Note: Q403R also needs Cylinder Guard 61824-020. With Standard Cylinder order Cylinder Guard 4240-0203-finish. Thick door uses 4240-0203-finish. For specification details, please contact MBS.
For Sex Bolts (SNB) consult chart on page 10.