Q1000 Series exit Devices

Q1000 Series Exit devices and Trims are designed for new or retrofit installation into other manufacturers’ devices. Push Bar assembly’s smooth and reduced projection minimizes catch hazard. Device function is field selectable by adaptation with selected type of trim. A full complement of lever trim is available in a wide range of architectural finishes. Q1000 Series are made to comply with 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. Q1000 Series provides superior durability for high impact applications such as offices, schools, banks, assisted living facilities and other institutions or commercial buildings.
Q1000 Series
Exit device is 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.
Q1000 Series Exit Devices

A. Push end cap design.
B. Simple cylinder built in add-on kit.
C. Special plastic inserts and rubber bumpers reduce noise, and don't fail under high or low temperature. Impervious to petroleum lubricants.
D. Dogging can be done with an allen wrench, a small flat key or a flat blade screwdriver.
E. Integrated End Cap and Pivot adds push pad stability and makes the bar move just as well regardless of where the pressure is applied to push pad.
F. Push Bar is smooth surfaced. Reduced projection minimizes catch hazard.
G. Center Case with maximum versatility. Surface and Concealed Vertical Rods can be adjusted inside the center case with an ingenious rod holder design.
H. Double Cylinder devices are used like classroom intruder locks, allowing the teacher to lock the outside trim without opening the door.
I. Stainless Steel Latch and deadlatching blade add perceived value.
Device Material

A. Push Bar End Cap
B. Push Bar Trim
C. Cover Plate
D. Mechanism End Cap
E. Center Case Cover
F. Mechanism Case Grooved Option
G. Latch Cover for Surface Vertical Rods
H. Vertical Rods

Smooth Option
Finishes

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Polished Brass</td>
<td>605</td>
<td>3</td>
<td>Brass, Polished</td>
<td>Plated</td>
<td>Buffered 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>Buffered 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:
Knurled / Embossed “PUSH” / Braille, Embossed “CAUTION STAIRWELL” /
Red silk screen lettered “EMERGENCY EXIT ONLY - PUSH TO OPEN AND SOUND ALARM”

Functions

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Exit Only</td>
<td>Q201</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>02</td>
<td>Dummy/Rigid Lever</td>
<td>Q202</td>
<td>N</td>
<td>Q302</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>03</td>
<td>Night Latch, Key Retracts Latch Bolt</td>
<td>Q203R/Q203M</td>
<td>N</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>05</td>
<td>Key Locks or Unlocks Latch Bolt</td>
<td>Q205R/Q205M</td>
<td>N</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>07</td>
<td>Inside/Outside Key Locks or Unlocks Latch Bolt (Double Cylinder)</td>
<td>Q205M</td>
<td>N</td>
<td>N</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>08</td>
<td>Key Locks or Unlocks Latch Bolt</td>
<td>N</td>
<td>Q308R/Q308M</td>
<td>N</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>09</td>
<td>Night Latch Key Retracts Latch Bolt</td>
<td>Q309R/Q309M</td>
<td>N</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>10</td>
<td>Inside/Outside Key Locks or Unlocks Latch Bolt (Double Cylinder)</td>
<td>N</td>
<td>Q308R/Q308M</td>
<td>N</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td>14</td>
<td>Lever/Knob Operable, No Cylinder</td>
<td>N</td>
<td>Q314R/Q314M</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>15</td>
<td>Thumbpiece Operable, No Cylinder</td>
<td>Q215R/Q215M</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</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 adaption.

Dimensions

- 2-3/4" (70mm)
- 8" (203mm)
- 18" (460mm)
- 24" (610mm)
- Neutral: 3-13/16" (97mm)
- Depressed: 3-1/16" (78mm)
- Dimensions: 33" (835mm), 45" (1138mm)
**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.

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.

<table>
<thead>
<tr>
<th>Devices No.</th>
<th>Specification</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q1100</td>
<td>Q1024 SNB (No. 10-24)</td>
<td>8</td>
</tr>
<tr>
<td>Q1200</td>
<td>Q1024 SNB (No. 10-24)</td>
<td>6</td>
</tr>
<tr>
<td>Q1200</td>
<td>Q4120 SNB (No. 1/4-20)</td>
<td>4</td>
</tr>
<tr>
<td>Q1300/Q1400</td>
<td>Q1024 SNB (No. 10-24)</td>
<td>6</td>
</tr>
<tr>
<td>Q1500</td>
<td>Q1024 SNB (No. 10-24)</td>
<td>8</td>
</tr>
<tr>
<td>Q1500</td>
<td>Q4120 SNB (No. 1/4-20)</td>
<td>4</td>
</tr>
<tr>
<td>Q1100</td>
<td>Q1024 SNB (No. 10-24)</td>
<td>2</td>
</tr>
<tr>
<td>Q1200</td>
<td>Q1024 SNB (No. 10-24)</td>
<td>2</td>
</tr>
<tr>
<td>Q1200</td>
<td>Q4120 SNB (No. 1/4-20)</td>
<td>4</td>
</tr>
<tr>
<td>Q1300/Q1400</td>
<td>Q1024 SNB (No. 10-24)</td>
<td>2</td>
</tr>
<tr>
<td>Q1500</td>
<td>Q1024 SNB (No. 10-24)</td>
<td>2</td>
</tr>
<tr>
<td>Q1500</td>
<td>Q4120 SNB (No. 1/4-20)</td>
<td>4</td>
</tr>
</tbody>
</table>
Q1100/QF1100
Rim Exit Devices (RIM)
### Specifications

<table>
<thead>
<tr>
<th>Applications</th>
<th>Offices, schools, banks, assisted living facilities and other institutions or commercial buildings.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doors &amp; Preparations</td>
<td>For all types of single and double doors with a mullion. For mullions, see page 30. Available for 1-3/4” to 2-1/4” (45 mm – 57 mm) thick, up to 4’ wide opening. For thicker doors, consult factory. For new or retrofit installation into other manufacturers’ devices. Furnished standard for 1-3/4” thick, 3’ wide opening. For maximum door opening applications and listings for Fire Exit Devices, see page 40.</td>
</tr>
<tr>
<td>Certifications</td>
<td>UL/cUL listed for UL305 and ETL certified for ANSI A156.3-2008 Grade 1 Panic Hardware standards. Fire rated for 3-Hour Fire Exit Hardware, conforms to UL10C and UBC7-2.</td>
</tr>
<tr>
<td>Center Case</td>
<td>Universal center case, heavy wrought steel and sintered metal parts. Device functions field selectable by removal of drive screw in back of center case and determined by adaptation with type of trim.</td>
</tr>
<tr>
<td>Strikes</td>
<td>For strike information, see page 25. No.106 roller type furnished standard.</td>
</tr>
<tr>
<td>Dogging</td>
<td>NOT available on Fire Exit Hardware. Dogging options available for LD, CD, ED (ELR), see page 29. Flat/Hex key dogging standard.</td>
</tr>
<tr>
<td>Fasteners</td>
<td>Machine screws furnished standard. Specify sheet metal screws or wood screws when required.</td>
</tr>
<tr>
<td>Sex Bolts (SNB)</td>
<td>Required when used with wood, composite or non-reinforced hollow metal doors. For EO device, specify 8-1024 (#10-24) SNB. For device with trim, specify 2-1024 (#10-24) SNB, see page 8.</td>
</tr>
<tr>
<td>Device Centerline from Finished Floor</td>
<td>39-5/8” (1006 mm)</td>
</tr>
<tr>
<td>Latch Bolt</td>
<td>Stainless Steel, deadlocking, 3/4” (19 mm) throw.</td>
</tr>
<tr>
<td>Handing</td>
<td>Device non-handing except for Double Cylinder option. For Double Cylinder, specify handing when required. Trim field reversible.</td>
</tr>
<tr>
<td>Cylinders</td>
<td>NOT furnished standard, specify when required. For Cylinder details, see page 28.</td>
</tr>
<tr>
<td>Trim</td>
<td>The device &amp; trim are sold separately, easy to mix and match, see page 22.</td>
</tr>
</tbody>
</table>
Q1200/QF1200
Surface Vertical Rod Devices (SVR)
### Specifications

| 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 30.  
  • 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 40. |
| Certifications | • UL/cUL listed for UL305 and ETL certified for ANSI A156.3-2008 Grade 1 Panic Hardware standards.  
  • Fire rated for 3-Hour Fire Exit Hardware, conforms to UL10C and UBC7-2. |
| Device Functions | • Field selectable by removal of drive screw in back of center case and determined by adaptation with type of trim. |
| Center Case | • Heavy wrought steel assembly with top and bottom rod adjusters.  
  • Adjustment accessible through center case after installation. |
| Vertical Rods | • 1/2” Square tubing, standard rods accommodate 7” (2134 mm) door.  
  • Top rod length is 36-1/16” (916 mm), Bottom rod length is 31-7/8” (807 mm) standard.  
  • Top rod length 48-1/8” (1221 mm) is available for 8’ (2438 mm) door.  
  • Extension rod available 2” (610 mm) for doors over 8’. Specify when ordering. Rod size see page 32. |
| Top Latch Bolt | • Stainless Steel, Pullman type deadlocking, 5/8” (16 mm) throw. |
| Bottom Bolt | • Stainless Steel, Pullman type deadlocking, independent action 5/8” (16 mm) throw.  
  • Round Slide Bolt optional. |
| Top & Bottom Latch Case | • 4-1/2” x 2-1/8” x 1-1/2” (114 mm x 54 mm x 38 mm) |
| Door Undercut | • 1/4” (6 mm) |
| Strikes | • Top 106 roller type strike standard, Bottom 227 strike standard, see page 25. |
| Dogging | • Flat/Hex key dogging standard, not available for Fire Exit Hardware. |
| Dogging Options | • LD, CD, ED (ELR), see page 29. |
| Fasteners | • Machine screws furnished standard.  
  • Specify sheet metal screws or wood screws when required. |
| Sex Bolts (SNB) | • Required when used with wood, composite or non-reinforced hollow metal doors. For E0 device, specify 6-1024 (#10-24) SNB, 4-4120 (#1/4-20) SNB. For device with trim, specify 2-1024 (#10-24) SNB and 4-4120 (#1/4-20) SNB, see page 8. |
| Device Centerline from Finished Floor | • 39-5/8” (1006 mm) |
| Less Bottom Rod (LBR) | • Available for door openings up to 8’ wide x 10’ high. Specify suffix “LBR”. |
| Handing | • Device non-handing, Trim field reversible. |
| Cylinders | • NOT furnished standard, specify when required. For Cylinder details, see page 28. |
| Trim | • The device & trim are sold separately, easy to mix and match, see page 22. |
Q1300/QF1300
Concealed Vertical Rod Devices (CVR)
### Specifications

<table>
<thead>
<tr>
<th>Applications</th>
<th>• Offices, schools, banks, assisted living facilities and other institutions or commercial buildings.</th>
</tr>
</thead>
</table>
| Doors & Preparations                                                        | • For all types of single and double doors with/without a mullion. For Mullions, see page 30.  
  • 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 40. |
| Certifications                                                              | • UL/cUL listed for UL305 and ETL certified for ANSI A156.3-2008 Grade 1 Panic Hardware standards.  
  • Fire rated for 3-Hour Fire Exit Hardware, conforms to UL10C and UBC7-2. |
| Device Functions                                                            | • Field selectable by removal of drive screw in back of center case and determined by adaptation with type of trim. |
| Center Case                                                                 | • Heavy wrought steel assembly with top and bottom rod adjusters.  
  • Adjustment accessible through center case after installation. |
| Vertical Rods                                                               | • 1-1/2” Round rod, standard rods accommodate 7’ (2134 mm) door.  
  • Top rod length is 37” (940 mm), Bottom rod length is 31-3/4” (805 mm) standard.  
  • Top rod length 49” (1245 mm) is available for 8’ (2438 mm) door.  
  • Extension rod available 2’ (610 mm) for doors over 8’. Specify when ordering. Rod size, see page 32. |
| Top Latch Bolt                                                               | • Stainless Steel, Pullman type deadlocking, 5/8” (16 mm) throw. |
| Bottom Bolt                                                                 | • Stainless Steel, Pullman type deadlocking, independent action 5/8” (16 mm) throw.  
  • Round Slide Bolt optional. |
| Door Undercut                                                                | • 1/4” (6 mm) |
| Strikes                                                                     | • Top 216 strike standard, Bottom 227 strike standard, see page 25. |
| Dogging                                                                     | • Flat/Hex key dogging standard, not available for Fire Exit Hardware. |
| Dogging Options                                                              | • LD • CD • ED (ELR), see page 29. |
| Fasteners                                                                   | • Machine screws furnished standard.  
  • Specify sheet metal screws or wood screws when required. |
| Sex Bolts (SNB)                                                             | • Required when used with wood, composite or non-reinforced hollow metal doors. For E0 device, specify 6-1024 (#10-24) SNB. For device with trim, specify 2-4120 (#1/4-20) SNB, see page 8. |
| Device Centerline from Finished Floor                                       | • 39-5/8” (1006 mm) |
| Less Bottom Rod (LBR)                                                       | • Available for door openings up to 8’ wide x 10’ high. Specify suffix “LBR”. |
| Handing                                                                     | • Device non-handing, Trim field reversible. |
| Cylinders                                                                   | • NOT furnished standard, specify when required. For Cylinder details, see page 28. |
| Trim                                                                        | • The device & trim are sold separately, easy to mix and match, see page 22. |
The Q1400 model Mortise lock is equipped with a 3/4” (19mm) Anti-friction stainless steel latch bolt which is handling reversible without moving the cover from the case. It has a non-handed auxiliary bolt for deadlocking and a faceplate with an adjustable bevel. Fits door machined per ANSI A115.1 (type 86) Mortise Lock preparation.
## Specifications

<table>
<thead>
<tr>
<th>Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Offices, schools, banks, assisted living facilities and other institutions or commercial buildings.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Doors &amp; Preparations</th>
</tr>
</thead>
<tbody>
<tr>
<td>For all types of single and double doors.</td>
</tr>
<tr>
<td>For new or retrofit installation into other manufacturers' devices.</td>
</tr>
<tr>
<td>1-3/4&quot; to 2-1/4&quot; thick, up to 4' wide opening; for thicker doors, consult factory.</td>
</tr>
<tr>
<td>Furnished standard for 1-3/4&quot; thick, 3' wide opening.</td>
</tr>
<tr>
<td>For maximum door opening applications and listings for Fire Exit Devices, see page.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Certifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>UL/cUL listed for UL305 and ETL certified for ANSI A156.3-2008 Grade 1 Panic Hardware standards.</td>
</tr>
<tr>
<td>Fire rated for 3-Hour Fire Exit Hardware, conforms to UL10C and UBC7-2.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mortise Lock Functions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field selectable by reversing set screw in mortise case and determined by adaptation with type of trim.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Center Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>Latch bolt of mortise case can be adjusted for full retraction by Adjustment Finger with fine tuning of adjustment screw in center case.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Strikes</th>
</tr>
</thead>
<tbody>
<tr>
<td>306 Strike standard, non-handed, see page.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dogging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat/Hex key dogging standard, not available for Fire Exit Hardware.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dogging Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD, CD, ED (ELR), see page.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fasteners</th>
</tr>
</thead>
<tbody>
<tr>
<td>Machine screws furnished standard.</td>
</tr>
<tr>
<td>Specify sheet metal screws or wood screws when required.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sex Bolts (SNB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required when used with wood, composite or non-reinforced hollow metal doors. For EO device, specify 6-1024 (#10-24) SNB. For device with trim, specify 2-4120 (#1/4-20) SNB, see page.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Device Centerline from Finished Floor</th>
</tr>
</thead>
<tbody>
<tr>
<td>39-5/8&quot; (1006 mm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Latch Bolt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stainless Steel, deadlocking, 3/4&quot; (19 mm) throw.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Handed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Device non-handing, except for Double Cylinder option, specify handling when required. Trim field reversible.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cylinders</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOT furnished standard, specify when required. For Cylinder details, see page.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Trim</th>
</tr>
</thead>
<tbody>
<tr>
<td>The device &amp; trim are sold separately, easy to mix and match, see page.</td>
</tr>
</tbody>
</table>
Q1500/QF1500
Three-Point Latching Devices (3PT)
## Specifications

<table>
<thead>
<tr>
<th>Applications</th>
<th>Offices, schools, banks, assisted living facilities and other institutions or commercial buildings.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doors &amp; Preparations</td>
<td>• For all types of single and double doors with a mullion. For Mullions, see page 30.</td>
</tr>
<tr>
<td></td>
<td>• For new or retrofit installation into other manufacturers' devices.</td>
</tr>
<tr>
<td></td>
<td>• 1-3/4&quot; to 2-1/4&quot; thick, up to 4 wide opening; for thicker doors, consult factory.</td>
</tr>
<tr>
<td></td>
<td>• Furnished standard for 1-3/4&quot; thick, 3&quot; wide opening.</td>
</tr>
<tr>
<td></td>
<td>• For maximum door opening applications and listings for fire exit Devices, see page 40.</td>
</tr>
<tr>
<td>Certifications</td>
<td>• UL/cUL listed for UL305 and ETL certified for ANSI A156.3-2008 grade 1 Panic Hardware standards.</td>
</tr>
<tr>
<td></td>
<td>• Fire rated for 3-Hour Fire Exit Hardware, conforms to UL10C and UBC7-2.</td>
</tr>
<tr>
<td>Device Functions</td>
<td>• Field selectable by removal of drive screw from back of center case and determined by adaptation with type of trim.</td>
</tr>
<tr>
<td>Center Case</td>
<td>• Heavy wrought steel assembly with top and bottom rod adjusters.</td>
</tr>
<tr>
<td></td>
<td>• Adjustment accessible through center case after installation.</td>
</tr>
<tr>
<td>Vertical Rods</td>
<td>• 1/2&quot; Square tubing, standard rods accommodate 7&quot; (213.4 mm) door.</td>
</tr>
<tr>
<td></td>
<td>• Top rod length is 36-1/16&quot; (916 mm), Bottom rod length is 31-7/8&quot; (807 mm) standard.</td>
</tr>
<tr>
<td></td>
<td>• Top rod length 48-1/8&quot; (1221 mm) is available for 8' (2438 mm) door.</td>
</tr>
<tr>
<td></td>
<td>• Extension rod available 2' (610 mm) for doors over 8'. Specify when ordering. Rod size, see page 32.</td>
</tr>
<tr>
<td>Top Latch Bolt</td>
<td>• Stainless Steel, Pullman type deadlocking, 5/8&quot; (16 mm) throw.</td>
</tr>
<tr>
<td>Bottom Bolt</td>
<td>• Stainless Steel, Pullman type deadlocking, independent action 5/8&quot; (16 mm) throw.</td>
</tr>
<tr>
<td></td>
<td>• Round Slide Bolt for Fire Rated Device.</td>
</tr>
<tr>
<td>Top &amp; Bottom Latch Case</td>
<td>• 4-1/2&quot; x 2-1/8&quot; x 1-1/2&quot; (114 mm x 54 mm x 38 mm)</td>
</tr>
<tr>
<td>Door Undercut</td>
<td>• 1/4&quot; (6 mm)</td>
</tr>
<tr>
<td>Strikes</td>
<td>• Top 106 roller type strike standard, Bottom 227 strike standard, see page 25.</td>
</tr>
<tr>
<td>Dogging</td>
<td>• Flat/Hex key dogging standard, not available for fire exit Hardware.</td>
</tr>
<tr>
<td>Dogging Options</td>
<td>• LD + CD + ED (ELR), see page 29.</td>
</tr>
<tr>
<td>Fasteners</td>
<td>• Machine screws furnished standard.</td>
</tr>
<tr>
<td></td>
<td>• Specify sheet metal screws or wood screws when required.</td>
</tr>
<tr>
<td>Sex Bolts (SNB)</td>
<td>• Required when used with wood, composite or non-reinforced hollow metal doors. For signature device, specify 8-1024 (#10-24) SNB, 4-4120 (#1/4-20) SNB. For device with trim, specify 2-1024 (#10-24) SNB and 4-4120 (#1/4-20) SNB, see page 8.</td>
</tr>
<tr>
<td>Device Centerline from Finished Floor</td>
<td>• 39-5/8&quot; (1006 mm)</td>
</tr>
<tr>
<td>Less Bottom Rod (LBR)</td>
<td>• Available for door openings up to 8' wide x 10' high. Specify suffix &quot;LBR&quot;.</td>
</tr>
<tr>
<td>Handling</td>
<td>• Device non-handling, Trim field reversible.</td>
</tr>
<tr>
<td>Cylinders</td>
<td>• Not furnished standard, specify when required. For Cylinder details, see page 28.</td>
</tr>
<tr>
<td>Trim</td>
<td>• The device &amp; trim are sold separately, easy to mix and match, see page 22.</td>
</tr>
</tbody>
</table>
comfortable in the knowledge that you have created a safer environment
### Q200 Series Thumbpiece

- **Operation**: Exit Only, Dummy Pull Only, Night Latch Key Retracts Latch Bolt, Key Locks or Unlocks Latch Bolt, Thumbpiece Always Active

<table>
<thead>
<tr>
<th>ANSI No.</th>
<th>01</th>
<th>02</th>
<th>03</th>
<th>05</th>
<th>05/07*</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operation</strong></td>
<td>Exit Only</td>
<td>Dummy Pull Only</td>
<td>Night Latch Key Retracts Latch Bolt</td>
<td>Key Locks or Unlocks Latch Bolt</td>
<td>Thumbpiece Always Active</td>
<td></td>
</tr>
<tr>
<td><strong>Illustration</strong></td>
<td><img src="image" alt="Illustration" /></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Trim No.**
  - 201
  - 202
  - 203
  - 203M
  - 205R
  - 205M
  - 215R
  - 215M

- **Device No.**
  - 1100
  - 1200
  - 1300
  - 1400
  - 1500

- **Cylinder Type**
  - Rim/Mortise
  - Rim
  - Mortise
  - Rim
  - Mortise

### Trim Options

#### Plate

![Plate](image)

#### Pull Only

![Pull Only](image)

#### With Thumbpiece

![With Thumbpiece](image)

### Features

1. Trims are furnished with wrought plate and extruded or cast solid grips.
2. 626 is furnished for 630 device.
3. Trim is designed to retrofit into other manufacturers' Trim installation.
4. Trims are UL certified for ANSI A156.3, Grade 1 and 3-Hour Fire Rated.
5. Trims are through bolted and covering 161 and 86 cutouts. (Grip furnished standard, unless specified) For Trim dimensions see page 8.
Q300 Series Escutcheon

*Double Cylinder

<table>
<thead>
<tr>
<th>ANSI No.</th>
<th>01</th>
<th>02</th>
<th>08/10*</th>
<th>09</th>
<th>14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operation</td>
<td>Exit Only</td>
<td>Dummy Pull Only</td>
<td>Key Locks or Unlocks Latch Bolt</td>
<td>Night Latch Key Retracts Latch Bolt</td>
<td>Lever/Knob Always Operable</td>
</tr>
<tr>
<td>Trim No.</td>
<td></td>
<td>302</td>
<td>308R</td>
<td>308M</td>
<td>309R</td>
</tr>
<tr>
<td>Device No.</td>
<td>1100</td>
<td>1200</td>
<td>1300</td>
<td>1400</td>
<td>1500</td>
</tr>
<tr>
<td>Cylinder Type</td>
<td>Mortise</td>
<td>Mortise</td>
<td>Rim</td>
<td>Mortise</td>
<td>Mortise</td>
</tr>
</tbody>
</table>

Features
1. Escutcheon and lever with sleek and seamless design produced by casting or forging.
2. 626 is furnished for 630 device.
3. Trim is designed to retrofit into other manufacturers’ Trim installation.
4. Trims are through bolted and covering 161 and 86 cutouts.
5. Handling field reversible.
6. Trims are UL certified for ANSI A156.3, Grade 1 and 3-Hour Fire Rated. Specify lever or knob design. ("D" Lever furnished standard, unless specified) For Trim dimensions see page 8.
**Trim Operation Options**

**Standard Operation**

**Model Q308**
Key Locks or Unlocks
Lever or Knob
(For 08/10 Functions)

Q308 Trim is composed of heavy dutyinvestment 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.

**Clutch Operation**

**Model QC308**
Key Locks or Unlocks
Lever or Knob
(For 08/10 Functions)

QC308 Trim is designed to withstand abusive conditions, working parts are made of heavy duty investment cast steel. An internal slip clutch mechanism is built inside lever shank allowing the lever handle to break away without damaging or violating security when excessive force is applied. The lever can be easily lifted back to home position without using tools, replacement parts, or removing it from the door.

**Thumbpiece**

**Grip Options**

- GK type
- GD type (Standard)

**Escutcheon**

**Lever Options**

- D type (Standard)
- Q type
- A type

**Knob Options**

- B type (Standard)
- P type
- T type
- K type
Rim Device

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
Vertical Rod Device

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

**Bottom Strike**
- Q227 Bottom Strike standard furnished for SVR/CVR/3PT
- Q224 Bottom Strike optional for SVR/3PT
- Q225 Bottom Strike optional for SVR/CVR/3PT round slide bolt
- Q226 Bottom Strike optional for SVR/CVR/3PT round slide bolt

**Flat Bottom Strike**

Mortise Device

**336 Strike**
- for use on 1-3/4" (45mm) thick double door with coordinator and astragal

**306 Strike**
- standard furnished for use on 1-3/4" (45mm) or 2-1/4" (57mm) single door and 2-1/4" (57mm) double door with coordinator

**337 Open Back Strike**
- standard furnished for 1-3/4" (45mm) thick double doors without coordinator

**338 Open Back Strike**
- for 2-1/4" (57mm) thick double doors without coordinator
<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><strong>MORTISE CYLINDER</strong></td>
<td>03* / 05* / 07* for Mortise Device</td>
<td>200</td>
<td>Standard</td>
<td>1-1/4“ (441-103)</td>
<td>440-0702</td>
</tr>
<tr>
<td></td>
<td>08 for RIM/SVR/CVR* / 3PT</td>
<td>300</td>
<td>SFIC</td>
<td>1-3/8“ (442-701)</td>
<td>440-0706</td>
</tr>
<tr>
<td></td>
<td>10 for RIM Device</td>
<td></td>
<td>Standard</td>
<td>1-1/8“ (441-102)</td>
<td>440-0704</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SFIC</td>
<td>1-3/8“ (442-701)</td>
<td>440-0708</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Standard</td>
<td>1-1/8“ (441-102)</td>
<td>440-0710</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SFIC</td>
<td>1-3/8“ (442-701)</td>
<td>440-0711</td>
</tr>
<tr>
<td></td>
<td>08 / 09 / 10 for Mortise Device</td>
<td></td>
<td>Standard</td>
<td>1-1/2“ (441-105)</td>
<td>440-0702</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SFIC</td>
<td>1-1/2“ (442-702)</td>
<td>440-0706</td>
</tr>
<tr>
<td></td>
<td>Cylinder Dogging</td>
<td>All Devices</td>
<td>Standard</td>
<td>1-1/4“ (441-103)</td>
<td>440-0702</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SFIC</td>
<td>1-3/8“ (442-701)</td>
<td>440-0706</td>
</tr>
<tr>
<td><strong>RIM CYLINDER</strong></td>
<td>03 / 05 for RIM/SVR/CVR / 3PT</td>
<td>200</td>
<td>Standard</td>
<td>40500 - SFIC Rim Cylinder</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>SFIC</td>
<td>40501 - Schlage* C Plug Rim Cylinder</td>
<td></td>
</tr>
<tr>
<td></td>
<td>09 for RIM/SVR/CVR / 3PT</td>
<td>300</td>
<td>Standard/ SFIC</td>
<td>Tailpiece Length 3-1/8“ (79.6mm)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10 for RIM/Mortise Device</td>
<td></td>
<td>SFIC</td>
<td>Tailpiece Length 3-1/8“ (79.6mm)</td>
<td></td>
</tr>
</tbody>
</table>

**Cylinder Cam**

<table>
<thead>
<tr>
<th>Illustration</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Illustration" /></td>
</tr>
<tr>
<td><img src="image2.png" alt="Illustration" /></td>
</tr>
<tr>
<td><img src="image3.png" alt="Illustration" /></td>
</tr>
<tr>
<td><img src="image4.png" alt="Illustration" /></td>
</tr>
</tbody>
</table>

**Dimension**

- X=1/4“ (6mm)
- Y=5/8“ (15mm)
- X=3/8“ (9.5mm)
- Y=3/4“ (19mm)
- X=3/16“ (5mm)
- Y=3/4“ (19mm)

**Cam No.**

- 440-0702
- 440-0704
- 440-0710
- 440-0712

**Cylinder Guard**

Part/No. 4240-0202

Foruseon 203/205/207 Thumbpiece trim and CVR 308 Escutcheon Trim.
Marshall Best Security is proud to present you with our Classroom Security Solutions which aids school facilities to provide a safe and secure environment. With this convenient visual aid, staff can immediately be notified whether the door is in a locked state or not, denying entry to unauthorized individuals. In case of an emergency, staff and students are always free to exit.

Marshall Best Security makes sure to provide a safe and secure learning environment for its customers.
Double Cylinder with Indicator - Handed

Q1100 Rim Device - Handed

Q1400 Mortise Device - Handed

The Double Cylinder option is available on the Rim and Mortise Exit Devices. An indicator device installed on the inner side of door informs whether the outside trim is in a locked or unlocked state.

The outside key cylinder locks or unlocks the outside Trim. Specify Outside Trim with "07" or "10" function depending on trim options. When only the inside key cylinder is required to lock or unlock the outside trim and no outside cylinder operation is necessary for Rim Exit Device specify "08" (outside trim will be with blank mortise cylinder). For Mortise Exit Device specify "14" or "15" function depending on trim options.

Applications

<table>
<thead>
<tr>
<th>Device</th>
<th>Rim 1100</th>
<th>Mortise 1400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylinder</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outside Cylinder</td>
<td>Mortise type Cylinder</td>
<td>Mortise type Cylinder</td>
</tr>
<tr>
<td>Inside Cylinder</td>
<td>I/C 1-3/8”</td>
<td>I/C 1-1/2”</td>
</tr>
<tr>
<td>Inside Thumbturn</td>
<td>STD 1-1/8”</td>
<td>STD 1-1/2”</td>
</tr>
<tr>
<td>Trim</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Escutcheon</td>
<td>Rim Cylinder (VC / STD)</td>
<td>OK</td>
</tr>
<tr>
<td>Thumbpiece</td>
<td>Q308R / QC308R</td>
<td>Q308M</td>
</tr>
<tr>
<td></td>
<td>N/A</td>
<td>Q215M / Q214M</td>
</tr>
</tbody>
</table>

Note: Cylinder not furnished standard. Specify when required.

To Order

Specify handing.
Double Cylinder – Handed

Q1100 Rim Device – Handed

Q1400 Mortise Device – Handed

The Double Cylinder option is available on the Rim and Mortise Exit Devices. The inside key cylinder locks or unlocks the outside Trim. The outside key cylinder locks or unlocks the outside Trim. Specify Outside Trim with "07" or "10" function depending on trim options. When only the inside key cylinder is required to lock or unlock the outside trim and no outside cylinder operation is necessary for Rim Exit Device specify "14" (outside trim will be with blank mortise cylinder). For Mortise Exit Device specify "14" or "15" function depending on trim options.

Cylinder -
Not furnished standard, specify when required

Rim Device -
One rim type inside and one 1-1/4" long mortise type outside

Mortise Device -
One rim type inside and one mortise type outside

To Order -
Specify Hand and Finish

Dogging

LD-Less Dogging
Less Dogging is available in all Q1000 Series fire 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 34.
Model
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 openings less than 8'.

10' length available upon request.

Finishes: 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.

Specify with or without strikes when ordering.

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.

Finishes: 600, 689, 695

UL Listed: Listed for 3-Hour Fire Rated Exit Hardware.

Specify with or without strikes when ordering.
### Shims

**For Q106 Rim Strike**  
P/N: 616819-010  
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>Q1200 (SVR/3PT)</td>
<td>616823-020</td>
<td></td>
<td>36-1/8&quot; (916mm)</td>
<td>7'</td>
</tr>
<tr>
<td>Q1500 (SVR/3PT)</td>
<td>616823-030</td>
<td></td>
<td>48-1/8&quot; (1221mm)</td>
<td>8'</td>
</tr>
<tr>
<td></td>
<td>Add</td>
<td>616823-040*</td>
<td>24&quot; (609mm)</td>
<td>10'</td>
</tr>
<tr>
<td>Q1300 (CVR)</td>
<td>616823-070</td>
<td></td>
<td>36&quot; (940mm)</td>
<td>7'</td>
</tr>
<tr>
<td></td>
<td>616823-080</td>
<td></td>
<td>49&quot; (1245mm)</td>
<td>8'</td>
</tr>
<tr>
<td></td>
<td>Add</td>
<td>616823-050*</td>
<td>23-7/8&quot; (605mm)</td>
<td>10'</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>Q1200 (SVR/3PT)</td>
<td>616823-010</td>
<td></td>
<td>31-7/8&quot; (807mm)</td>
</tr>
<tr>
<td>Q1300 (CVR)</td>
<td>616823-060</td>
<td></td>
<td>31-3/4&quot; (805mm)</td>
</tr>
</tbody>
</table>
Coordinators

COR7 / COR9
Prevents active door from closing before inactive door. 7" length (177.8mm) for pairs of doors equipped with outside astragal. 9" length (228.6mm) for pairs of doors equipped with inside and outside astragals. Both include bracket and wear plate. Packed with wood and machine screws.

Finishes: 612, 626

Carry Open Bar

COB-1
For use with door coordinator. Aids in opening active door when inactive door is opened, and protects astragal and overlapping strike. Cast bronze. Packed with wear plate, wood and machine screws.

Finishes: 612, 626

Dummy Push Bar

DP3 Active / DP4 Inactive
The push pad is active or inactive. A push/pull operation can be accomplished by using an outside dummy trim.

Size 3' or 4' (914mm or 1219mm)
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 Circuitry.
* 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.

To order:
Prefix ELR (e.g. ELRQ1100)

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)

To order:
Prefix SS (e.g. SSQ1100)
Electric Mortise Exit Devices (EQ1400) can control entry to remote locking and unlocking the outside trim or an automatic fire alarm system.

The remote has two main functions:
1. To monitor the lock or unlock status through SPDT signal.
2. To monitor the latch bolt status through SPDT signal.

The outside trim cylinder can retract the latch bolt as a night latch function.

The mortise lock is available with the following electrical options:
- EQ1400 – Electric lock/unlock with switches to monitor the outside trim (locked or unlocked) and to monitor the latchbolt.
- SSQ1400 – Latchbolt and trim locked or unlocked monitoring.

**Electrical Ratings:**
- Solenoid current: 24VDC, 0.25 Amp.
- Switch rated: 24VDC, 2 Amp SPDT.

**To order:**
Prefix SS or E and Suffix FSE or FS (e.g. EQ1400FSE)
Alarm Exit – AL

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.

Prefix AL (e.g. ALQ1100)

The Alarm Exit is available in kits for retrofit on existing 1000 Series Devices. Specify finish when ordering.

To order:
Example ALK Kit-36-630

Request to Exit – RX

Micro-switch Detecting Pushbar

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)

To order:
Prefix RX (e.g. RXQ1100)

Latch Bolt Monitoring – LM

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)

To order:
Prefix LM (e.g. LMQ1000)
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.

**To order:**
Prefix DE (e.g., DEQ1100)

---

Electric Trim – EQ300 Series

Electrified trim with integral lock/unlock option. Trim can be used for all 1000 Series models. Available as fail-secure or fail-safe. Specify suffix FSE (Fail-Secure) or FS (Fail-Safe) following trim designation. Available for the C9 function only.

**To order:**
Prefix E and Suffix FSE or FS:
- EQ309RFSE for RIM, SVR, CVR, 3PT Exit Devices
- EQ309MFSE for Mortise Exit Device

**Electrical Ratings:**
- Solenoid current: 24VDC, 0.25 Amp.
- Solenoid current: 12VDC, 0.5 Amp.
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:

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>QPS101</td>
<td>120VAC</td>
</tr>
<tr>
<td>QPS102</td>
<td>240VAC</td>
</tr>
<tr>
<td>QPS101K</td>
<td>120VAC with Key lock</td>
</tr>
<tr>
<td>QPS102K</td>
<td>240VAC with Key lock</td>
</tr>
<tr>
<td>QPS101-2</td>
<td>Two (2) Zone Controller Board</td>
</tr>
<tr>
<td>QPS101-4</td>
<td>Two (2) Zone Controller Board x 2</td>
</tr>
<tr>
<td>QPS101-FA</td>
<td>Fire Alarm</td>
</tr>
<tr>
<td>QPS101-BA</td>
<td>Battery Backup</td>
</tr>
</tbody>
</table>
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
- **Q100-AC**: Access Control
- **Q100-AL**: Alarm
- **Q100-AO**: Auto Operator
- **Q100-SI**: Security Interlock
- **Q100-4TD**: Four (4) Zone Controller with Time Delay

### 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

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### 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**
## QF1000 Series 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>Double Door</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>With 170 Mullion</td>
<td>With 270 Mullion</td>
</tr>
<tr>
<td>QF100 RIM</td>
<td>Metal</td>
<td>3 Hour 4' x 8'</td>
<td>3 Hour 8' x 8'</td>
</tr>
<tr>
<td>QF1200 SVR</td>
<td>Metal</td>
<td>3 Hour 4' x 10'</td>
<td>3 Hour 8' x 10'</td>
</tr>
<tr>
<td>QF1200 LBR</td>
<td>Metal</td>
<td>3 Hour 4' x 10'</td>
<td>3 Hour 8' x 10'</td>
</tr>
<tr>
<td>QF1300 CVR</td>
<td>Metal</td>
<td>3 Hour 4' x 10'</td>
<td>3 Hour 8' x 10'</td>
</tr>
<tr>
<td>QF1300 LBR</td>
<td>Metal</td>
<td>3 Hour 4' x 10'</td>
<td>3 Hour 8' x 10'</td>
</tr>
<tr>
<td>QF1400 MORTISE</td>
<td>Metal</td>
<td>3 Hour 4' x 10'</td>
<td>3 Hour 8' x 10'</td>
</tr>
<tr>
<td>QF1500 3PT</td>
<td>Metal</td>
<td>3 Hour 4' x 8'</td>
<td>3 Hour 8' x 8'</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.
### DEVICE

**Prefix for Electric Options:**
- **AL** - Alarm Exit
- **DE** - Delayed Egress Device
- **ELR** - Electric Latch Retraction
- **LM** - Latch Bolt Monitoring
- **RX** - Request to Exit
- **SS** - Signal Switch
- **Blank** - For Regular (Non-electric) Device

**Device Number and Rating:**

<table>
<thead>
<tr>
<th>Device</th>
<th>Panic</th>
<th>Q1100 RIM FIRE</th>
<th>Q1200 SVR FIRE</th>
<th>Q1300 CVR FIRE</th>
<th>Q1500 3PT FIRE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ELR</strong></td>
<td>QF1100 RIM</td>
<td>QF1200 SVR</td>
<td>QF1300 CVR</td>
<td>QF1500 3PT</td>
<td></td>
</tr>
</tbody>
</table>

**Device Size:**
- 36” and 48”

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

**Dogging (see page 33):**
- **CD** - Cylinder Dogging
- **ED** - Electric Dogging (ELR)
- **LD** - Less Dogging
- **Blank** - Flat/Hex Key Dogging

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

**Strike Options:**
- **A** - Q106 RIM Strike
- **B** - Q108 RIM Strike
- **C** - Q136 RIM Pair Door Strike
- **D** - Q215 SVR Top Strike
- **E** - Q216 CVR Top Strike
- **F** - Q224 VR Bottom Strike
- **G** - Q225 VR Bottom Strike
- **H** - Q226 VR Bottom Strike
- **I** - Q227 VR Bottom Strike
- **J** - Q236 VR Bottom Strike
- **L** - Q336 Mortise Strike
- **M** - Q337 Mortise Open Back Strike
- **N** - Q338 Mortise Open Back Strike
- **Q** - Q215 SVR Top Strike
- **R** - Q216 CVR Top Strike
- **S** - Q217 CVR Top Strike

**TRIM**

**Prefix for Electric Options:**
- **E** - Alarm Exit
- **SS** - Signal Switch

**Trim Number:**
- **Q200 Series**
  - Q201
  - Q202
  - Q203R
  - Q205R
  - Q215R
- **Q300 Series**
  - Q302
  - Q308R
  - Q309R
  - Q314R

**Trim Operation Option:**
- **C** - Clutch
- **Blank**

**Suffix for Electric Options:**
- **FSE** - Fail Secure
- **FS** - Fail Safe

**Finish:**
- 605 (US3)
- 613 (US10B)
- 625 (US26)
- 626 (US26D)
- 630 (US32D)
DEVICE

Prefix for Electric Options:
- **E**: Electrified Mortise Function
- **SS**: Signal Switch Mortise Function
  - Latchbolt Trim locked and unlocked monitoring.

Device Number and Rating:
- **Panic**: Q1400 Mortise
- **FIRE**: QF1400 Mortise

Device Size:
- 36” and 48”

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

Dogging (see page 33):
- **CD**: Cylinder Dogging
- **LD**: Less Dogging
- **ED**: Electric Dogging (ELR)
- **Blank**: Flat/Hex Key Dogging

Handing:
- **RH**: RH
- **LH**: LH
- **RHR**: RH
- **LHR**: LH

Strike Options:
- A: Q106 RIM Strike
- B: Q108 RIM Strike
- C: Q136 RIM Pair Door Strike
- D: Q215 SVR Top Strike
- E: Q216 CVR Top Strike
- F: Q224 VR Bottom Strike
- G: Q225 VR Bottom Strike
- H: Q226 VR Bottom Strike
- I: Q227 VR Bottom Strike
- J: Q306 Mortise Strike
- L: Q336 Mortise Strike
- M: Q337 Mortise Open Back Strike
- N: Q338 Mortise Open Back Strike

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

ORDERING EXAMPLE

Prefix for Electric Options: E

Electrified Mortise Function

SS

Signal Switch Mortise Function

Latchbolt Trim locked and unlocked monitoring.

TRIM

Prefix for Electric Options:
- **E**: Electrified Trim

Trim Number:
- **Q200 Series**: Q201, Q202, Q203M, Q205M, Q215M
- **Q300 Series**: Q301, Q308M, Q309M, Q314M

Trim Operation Option: C Clutch

Suffix for Electric Options:
- **FSE**: Fail Secure
- **FS**: Fail Safe

Knob/Lever:
- D Q A K B P T

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