CRL Access Control Handles
for 'All-Glass' Doors

• Wide Selection of Exterior Fixed Handles for 1/2" (12 mm) or 3/4" (19 mm) Tempered Glass Doors
• Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
• Custom Finishes Available By Special Order
• Custom Sizes Ship Within One to Two Weeks

CRL manufacturers a complete line of Access Control Handles for your 'all-glass' door needs. We have Panic Devices, Deadbolt Handles, and Electronic Egress Control Handles in a wide variety of configurations. We can also supply you with Dummy Handles to match these devices, allowing you to maintain the same appearance throughout the project, but without the added costs. Please review the following pages for the complete selection, or visit crlaurence.com for more information.

For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can e-mail us through our web site at crlaurence.com. From the home page click on Contact Us, and then click on Technical Sales for Commercial Products.
CRL ACCESS CONTROL HANDLES

CRL Panic Handles

• Elegant Tubular Design
• UL and ANSI/BHMA Certified

The operating mechanism concealed within the vertical tubing of our Panic Handles retracts the latch bolt when the interior actuation bar is pushed. An optional exterior Keyed Access Device can be installed to allow entry, and a special dogging feature allows the doors to remain unlocked during business hours. Electronic Strikes are also available, providing a variety of secured entry options.

See pages Z466 through Z472 for more detailed information on our entire line of Panic Handles.

CRL Deadbolt Handles

• Easy Secure Access
• ANSI/BHMA Certified

The locking mechanism is concealed within the vertical tubing of our Deadbolt Handles, providing easy access through a variety of keying options. An optional Top Latch Roller Bolt allows the use of Electronic Strikes for controlled entry systems.

See pages Z474 through Z480 for more detailed information on our entire line of Deadbolt Handles.

CRL Electronic Egress Control Handles

• Ideal for Maintaining Security and Aesthetics
• UL Recognized Component

An electronic switch concealed within the vertical tubing of our Electronic Egress Control Handle releases the Magnetic Lock at the top or bottom of the door, when the interior actuation bar is pushed. Please consult your local building codes as they relate to the acceptability of electro-magnetic locking hardware.

See pages Z482 through Z488 for more detailed information on our entire line of Electronic Egress Control Handles.

CRL Dummy Handles

• Endless Variety of Configurations Available to Match Our Panic, Deadbolt, and Electronic Egress Handles
• Elegant Tubular Design

When functionality is not required, our Dummy Handles can be made to match any of our Panic, Deadbolt or Electronic Egress Handles, giving you the same appearance throughout your project.

See page Z481 for more detailed information on our entire line of Dummy Handles.

Note: All Access Control Handles function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.
CRL PA100 and PA110 Series Panic Handles

- UL, ULC, and ANSI/BHMA Certified
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors
- Wide Selection of Exterior Fixed Handles
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- Custom Sizes Ship Within One to Two Weeks

CRL manufactures a complete line of Panic Handles designed with the 'all-glass' door in mind. These elegant tubular devices give you maximum viewing area and a contemporary look when used on 1/2" or 3/4" (12 or 19 mm) tempered glass doors.

The most popular of these Panics is our PA100 Series. They provide a solution to the strict Americans With Disabilities Act (A.D.A.) Codes that confront every manufacturer and installer of 'all-glass' doors.

The interior portion of the device is a slender 1-1/4" (32 mm) tube stretching across the door and then gently turning upwards to the top of the door, eliminating any interference at the lower half of the door, which must remain clear of obstructions to pass A.D.A. demands.

The operating mechanism is completely concealed within the tube, and retracts a roller latch bolt at the top of the door when pushed gently. Complementing the sleek interior look, we offer a large selection of exterior pull handles that can be as simple as a horizontal handle (Model PA100A) to one that mirrors the interior device (Model PA100D).

All PA100 Series Panic Handles come with a 'dogging' feature that allows you to lock the device in the open position by simply sliding a lever, giving free access during business hours. They also can be used in conjunction with an Electric Strike, allowing for remote keyless entry. For your convenience, Custom Headers are available with all strike hardware installed.

When A.D.A. Codes are not a concern, we also offer our PA110 Series Panic Handles. These Panics are of the same sleek design as the PA100 Series, except they stretch across the door and then bend downward to the bottom of the door, latching at the floor or threshold.

They operate just like the PA100 Series Panics, and have the same 'dogging' feature. Strikes are available for either threshold or no threshold applications providing secure, accurate latching every time.

All of our PA100 and PA110 Panic Handles go through rigorous testing before they leave our manufacturing facility, ensuring that a high quality, dependable Panic will serve your customer for years to come.

Most importantly, they are all UL305, ULC/5132-93, and ANSI/BHMA A156.3-2001, Grade 1 Certified. No other Panic of this type can make this claim, and that puts CRL Panic Handles a step ahead of all the rest.

For more information on our PA100 and PA110 Series Panic Handles, see pages Z467 to Z472, or visit our web site at crlaurence.com.
CRL ACCESS CONTROL HANDLES

Standard Interior Configurations for CRL Panic Handles

NOTE: All Exterior Fixed Handles below can be used in combination with any Panic Handle.

Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.
CRL ACCESS CONTROL HANDLES

CRL PA100 Series Panic Handles

- UL, ULC, and ANSI/BHMA Certified
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors
- Wide Selection of Exterior Fixed Handles
- Models for Aluminum or Wood Doors Available on Special Order

CRL PA100A Panic Handles

• Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
• Custom Finishes Available By Special Order
• Custom Sizes Ship Within One to Two Weeks

CRL PA100B Panic Handles

ORDERING OPTIONS
When ordering PA100 Series Panics you must specify:
• PA100 (Interior mechanisms as shown above)
• Exterior Handle Option (A and B shown above, see page Z467 for a complete listing of Optional Exterior Handles)
• Handing (as viewed from the exterior side of the door)
• Rail or Glass Mount
• Glass Thickness
• With or Without Exterior Keyed Access Device
• With or Without Electric Strike
• Finish

MAXIMUM DOOR HEIGHTS
Exterior - 96" (2.44 m) for 1/2" (12 mm) Glass Thickness
- 102" (2.59 m) for 3/4" (19 mm) Glass Thickness
Interior - 102" (2.59 m) for 1/2" (12 mm) Glass Thickness
- 108" (2.74 m) for 3/4" (19 mm) Glass Thickness
Exception - When using "F" Style Exterior Handle
- 108" (2.74 m) for either 1/2" or 3/4" (12 or 19 mm) Glass Thickness
See page Z471 for Panic Size limitations.

SPECIFICATIONS:
Materials:
1-1/4" (32 mm) Diameter Brass or Stainless Steel Tubing (1.5 mm thick)
Glass Thicknesses:
1/2" (12 mm) or 3/4" (19 mm)
Glass Fabrication:
Please contact CRL Technical Sales
Certification:
UL305
ULC/S132-93
ANSI/BHMA A156.3-2001 Grade 1

Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700.
You can also send e-mail from the crlauренсе.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.
CRL ACCESS CONTROL HANDLES

CRL PA100 Series Panic Handles

- UL, ULC, and ANSI/BHMA Certified
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors
- Wide Selection of Exterior Fixed Handles
- Models for Aluminum or Wood Doors Available on Special Order

CRL PA100D Panic Handles

- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- Custom Sizes Ship Within One to Two Weeks

CRL PA100F Panic Handles

ORDERING OPTIONS
When ordering PA100 Series Panics you must specify:
- PA100 (Interior mechanisms as shown above)
- Exterior Handle Option (D and F shown above, see page Z467 for a complete listing of Optional Exterior Handles)
- Handing (as viewed from the exterior side of the door)
- Rail or Glass Mount
- Glass Thickness
- With or Without Exterior Keyed Access Device
- With or Without Electric Strike
- Finish

MAXIMUM DOOR HEIGHTS
Exterior - 96" (2.44 m) for 1/2" (12 mm) Glass Thickness
- 102" (2.59 m) for 3/4" (19 mm) Glass Thickness
Exterior - 96" (2.44 m) for 1/2" (12 mm) Glass Thickness
- 108" (2.74 m) for 3/4" (19 mm) Glass Thickness
Exception - When using "F" Style Exterior Handle
- 108" (2.74 m) for either 1/2" or 3/4" (12 or 19 mm) Glass Thickness
See page Z471 for Panic Size limitations.
See page Z472 for Panic Handle details.

SPECIFICATIONS:
Materials:
- 1-1/4" (32 mm) Diameter Brass or Stainless Steel Tubing (1.5 mm thick)
Glass Thicknesses:
- 1/2" (12 mm) or 3/4" (19 mm)
Glass Fabrication:
- Please contact CRL Technical Sales
Certification:
- UL305
- UL/CSA 5132
- ANSI/BHMA A156.3-2001 Grade 1

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.
CRL ACCESS CONTROL HANDLES

CRL PA110 Series Panic Handles

- UL, ULC, and ANSI/BHMA Certified
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors
- Wide Selection of Exterior Fixed Handles
- Models for Aluminum or Wood Doors Available on Special Order

CRL PA110A Panic Handles

- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- Custom Sizes Ship Within One to Two Weeks

CRL PA110F Panic Handles

ORDERING OPTIONS
When ordering PA110 Series Panics you must specify:
- PA110 (interior mechanism as shown above)
- Exterior Handle Option (A and F shown above, see page 2467 for a complete listing of Optional Exterior Handles)
- Handling (as viewed from the exterior side of the door)
- Rail or Glass Mount
- Glass Thickness
- With or Without Exterior Keyed Access Device
- Floor Mount or Threshold Ramp Strike
- Finish

MAXIMUM DOOR HEIGHTS
Exterior:
- 96" (2.44 m) for 1/2" (12 mm) Glass Thickness
- 120" (3.05 m) for 3/4" (19 mm) Glass Thickness

Interior:
- 102" (2.59 m) for 1/2" (12 mm) Glass Thickness
- 108" (2.74 m) for 3/4" (19 mm) Glass Thickness

Exception:
- When using “F” Style Exterior Handle
- 108" (2.74 m) for either 1/2" or 3/4" (12 or 19 mm) Glass Thickness

See page Z471 for Panic Size limitations.

See page Z472 for Panic Handle details.

SPECIFICATIONS:
- Material: 1-1/4" (32 mm) Diameter Brass or Stainless Steel Tubing (1.5 mm thick)
- Glass Thicknesses: 1/2" (12 mm) or 3/4" (19 mm)
- Glass Fabrication:
  Please contact CRL Technical Sales
- Certification:
  UL305
  ULC/5132-93
  ANSI/BHMA A156.3-2001, Grade 1

Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700.
You can also send e-mail from the crlauurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.
CRL Panic Handle Size Limitations

Increased Sizes Make Door Assemblies Heavier and More Flexible. Therefore, the Following Should Be Considered:

- Wind Load, Stack Pressure, and Ventilation Loads
- Mounting Conditions of Doors to Building Structure
- Panic Devices, Deadbolt Locks, or Other Hardware
- Overhead or Floor Closer Characteristics
- Heavy Usage and Frequency of Operation
- Comfortable Feel and Ease of Door Operation

The Architect's Structural Engineer Should Be Consulted So That the Door Design is Correct for the Intended Use

CRL PA100 Series Panic Handles

- Top Latching

\[
\begin{align*}
60' & \text{ Maximum with 1/2' glass (1524 mm with 12 mm glass)} \\
66' & \text{ Maximum with 3/4' glass (1676 mm with 19 mm glass)} \\
34' & \text{ to 48' (864 to 1219 mm) Consult Local Building Codes}
\end{align*}
\]

\[\text{Center of Keyed Access} = 10-1/2" (267 mm)\]

Typically 4-1/8" (105 mm) but this dimension is affected by jamb condition interaction with exterior handle option

\[\text{MAXIMUM DOOR HEIGHTS}\
\begin{align*}
\text{Exterior} & - 96' (2.44 m) for 1/2' (12 mm) Glass Thickness \\
& - 102' (2.59 m) for 3/4' (19 mm) Glass Thickness \\
\text{Interior} & - 102' (2.59 m) for 1/2' (12 mm) Glass Thickness \\
& - 108' (2.74 m) for 3/4' (19 mm) Glass Thickness \\
\text{Exception} & - When using "F" Style Exterior Handle \\
& - 108' (2.74 m) for either 1/2' or 3/4' (12 or 19 mm) Glass Thickness
\end{align*}\]

CRL PA110 Series Panic Handles

- Bottom Latching

\[
\begin{align*}
4-1/8" & \text{ (105 mm)} \\
\text{Center of Keyed Access} & = 4-1/8" (105 mm) \\
34' & \text{ to 48' (864 to 1219 mm) Consult Local Building Codes}
\end{align*}
\]

Typically 4-1/8" (105 mm) but this dimension is affected by jamb condition interaction with exterior handle option

\[\text{MAXIMUM DOOR HEIGHTS}\
\begin{align*}
\text{Exterior} & - 96' (2.44 m) for 1/2' (12 mm) Glass Thickness \\
& - 102' (2.59 m) for 3/4' (19 mm) Glass Thickness \\
\text{Interior} & - 102' (2.59 m) for 1/2' (12 mm) Glass Thickness \\
& - 108' (2.74 m) for 3/4' (19 mm) Glass Thickness \\
\text{Exception} & - When using "F" Style Exterior Handle \\
& - 108' (2.74 m) for either 1/2' or 3/4' (12 or 19 mm) Glass Thickness
\end{align*}\]

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NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.
CRL ACCESS CONTROL HANDLES

CRL PA100 Series Panic Handle Details

Glass Mount Detail at Latch
Rail Mount Detail at Latch
Keyed Access

Glass Mount Detail at Latch With Header and PK Strike
Rail Mount Detail at Latch with Header and ESK Strike
Retainer Plate

CRL PA110 Series Panic Handle Details

Glass Mount Detail at Latch
Rail Mount Detail at Latch
Keyed Access

Glass Mount Detail at Latch With Floor Mount Ramp Strike
Rail Mount Detail at Latch With Threshold Ramp Strike
Retainer Plate

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.

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Online Photo Gallery

When you visit the crlaurence.com home page you can click into photo galleries of finished projects. It's a great way to show your customers what can be accomplished when they specify CRL Architectural Hardware Products.
CRL DB100 and DB110 Series Deadbolt Handles

- UL Classified
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors
- Wide Selection of Exterior Fixed Handles

Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
Custom Finishes Available By Special Order
Custom Sizes Ship Within One to Two Weeks

CRL manufactures a complete line of Deadbolt Handles designed to complement our popular line of Panic Handles. They offer easily accessible locking hardware for ‘all-glass’ doors in an elegant tubular device, while maximizing your viewing area. Our Deadbolt Handles add a contemporary look to any 1/2" or 3/4" (12 or 19 mm) tempered glass door.

Like our PA100 Series Panics, our DB100 Series Deadbolt Handles provide a solution to the strict Americans with Disabilities Act (A.D.A.) Codes that confront every manufacturer and installer of ‘all-glass’ doors.

The interior portion of the device is a slender 1-1/4" (32 mm) tube stretching across the door and then gently turning upwards to the top of the door. This eliminates any interference in the lower half of the door, which must remain clear of obstructions to pass A.D.A. demands.

The locking hardware is completely concealed within the tube. The top deadbolt retracts with just a simple turn of a key or thumbturn conveniently located just above the horizontal portion of the Handle. To complement the sleek interior look, we offer a variety of exterior pull handles that can be as simple as a horizontal handle (Model DB100A) or one that mirrors the interior device (Model DB100D).

All DB100 Series Deadbolt Handles can be used in conjunction with an Electric Strike, allowing for remote keyless entry. For your convenience, Custom Headers are available with all strike hardware installed.

Where A.D.A. Codes are not a concern, we offer our DB110 Series Deadbolt Handles. These Deadbolts are of the same sleek design as the DB100 Series, except they stretch across the door and then bend downward to the bottom of the door, latching at the floor or threshold.

They operate just like the DB100 Series Deadbolts. Strikes are available for either threshold or no threshold applications, providing secure, accurate engagement of the deadbolt with every closing.

All of our DB100 and DB110 Deadbolt Handles go through rigorous testing before they leave our manufacturing facility, ensuring that a high quality, dependable Deadbolt Handle is installed every time. Most importantly, they are all UL Classified to ANSI A156.16-1997 Standard.

For more information on DB100 and DB110 Series Deadbolt Handles, see pages Z475 through Z480, contact CRL Technical Sales, or visit our web site at crlaurence.com.

Models for Aluminum or Wood Doors Available on Special Order
CRL ACCESS CONTROL HANDLES

Standard Interior Configurations for CRL Deadbolt Handles

**NOTE:** All Exterior Fixed Handles below can be used in combination with any Deadbolt Handle. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

**NOTE:** All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.
CRL ACCESS CONTROL HANDLES

CRL DB100 Series Deadbolt Handles

• UL Classified
• Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
• For 1/2” or 3/4” (12 or 19 mm) Tempered Glass Doors
• Custom Finishes Available By Special Order
• Wide Selection of Exterior Fixed Handles
• Can Be Used With Electric Strikes
• Models for Aluminum or Wood Doors
• Available on Special Order

CRL DB100A Deadbolt Handles

ORDERING OPTIONS
When ordering DB100 Series Deadbolts you must specify:
• DB100 (interior mechanism as shown above)
• Exterior Handle Option (A and D shown above, see page Z475 for a complete listing of Optional Exterior Handles)
• Handing (as viewed from the exterior side of the door)
• Rail or Glass Mount
• Glass Thickness
• Keyed In and Out or Keyed Out / Thumbturn In
• Single or Double Door Stop Strike (for single acting doors only)
• With or Without Electric Strike Prep
• Finish

NOTE: Strikes must be ordered separately.

MAXIMUM DOOR HEIGHTS

<table>
<thead>
<tr>
<th></th>
<th>Exterior</th>
<th>Interior</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2” (12 mm) Glass Thickness</td>
<td>96” (2.44 m)</td>
<td>102” (2.59 m)</td>
</tr>
<tr>
<td>3/4” (19 mm) Glass Thickness</td>
<td>102” (2.59 m)</td>
<td>108” (2.74 m)</td>
</tr>
</tbody>
</table>

Exception - When using “F” Style Exterior Handle
- 108” (2.74 m) for either 1/2” or 3/4” (12 or 19 mm) Glass Thickness

See page Z479 for Deadbolt Size limitations.

See page Z480 for Deadbolt Handle details.

SPECIFICATIONS:

<table>
<thead>
<tr>
<th>Material</th>
<th>1-1/4” (32 mm) Diameter Brass or Stainless Steel Tubing (1.5 mm thick)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glass Thickness</td>
<td>1/2” (12 mm) or 3/4” (19 mm)</td>
</tr>
<tr>
<td>Glass Fabrication</td>
<td>Please contact CRL Technical Sales</td>
</tr>
<tr>
<td>Certification</td>
<td>UL Classified ANSI A156.16-1997</td>
</tr>
</tbody>
</table>

Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.
CRL DB110 and DB170 Series Deadbolt Handles

- UL Classified
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors
- Wide Selection of Exterior Fixed Handles
- Models for Aluminum or Wood Doors Available on Special Order

CRL DB110A Deadbolt Handles

ORDERING OPTIONS
When ordering DB110 Series Deadbolts you must specify:
- DB110 (interior mechanism as shown above)
- Exterior Handle Option (see page Z475 for a complete listing of Optional Exterior Handles)
- Handling (as viewed from the exterior side of the door)
- Rail or Glass Mount
- Glass Thickness
- Keyed In and Out or Keyed Out / Thumbturn In
- Finish

NOTE: Strikes must be ordered separately.

MAXIMUM DOOR HEIGHTS
Exterior - 96" (2.44 m) for 1/2" (12 mm) Glass Thickness
- 102" (2.59 m) for 3/4" (19 mm) Glass Thickness
Interior - 102" (2.59 m) for 1/2" (12 mm) Glass Thickness
- 108" (2.74 m) for 3/4" (19 mm) Glass Thickness
Exception - When using "F" Style Exterior Handle
- 108" (2.74 m) for either 1/2" or 3/4" (12 or 19 mm) Glass Thickness

See page Z479 for Deadbolt Size limitations.

See Page Z480 for Deadbolt Handle details.

CRL DB170J-S Deadbolt Handles

ORDERING OPTIONS
When ordering DB170 Series Deadbolts you must specify:
- DB170 (interior mechanism as shown above)
- Exterior Handle Option (J-S shown above, see page Z475 for a complete listing of Optional Exterior Handles)
- Handling (as viewed from the exterior side of the door)
- Rail or Glass Mount
- Glass Thickness
- Keyed In and Out or Keyed Out / Thumbturn In
- Finish

NOTE: Strikes must be ordered separately.

SPECIFICATIONS:
Material:
1-1/4" (32 mm) Diameter Brass or Stainless Steel Tubing (1.5 mm thick)
Glass Thicknesses:
1/2" (12 mm) or 3/4" (19 mm)
Glass Fabrication:
Please contact CRL Technical Sales
Certification:
UL Classified
ANSI A156.16-1997

BY C.R. LAURENCE
MANUFACTURED IN THE USA
An ISO9001:2008 Certified Company

Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.
CRL ACCESS CONTROL HANDLES

CRL DB130 and DB140 Series Deadbolt Handles

- UL Classified
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors
- Wide Selection of Exterior Fixed Handles
- Models for Aluminum or Wood Doors Available on Special Order

CRL DB130F, DB131F, and DB132F Deadbolt Handles

- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- DB130 Series Can Be Used With an Electric Strike

CRL DB140K-S Deadbolt Handles

- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- DB130 Series Can Be Used With an Electric Strike

ORDERING OPTIONS
When ordering DB130 or DB140 Series Deadbolts you must specify:
- DB130, DB131, DB132 or DB140 (interior mechanism as shown above)
- Exterior Handle Option (F and K-S shown above, see page Z475 for a complete listing of Optional Exterior Handles)
- Handing (as viewed from the exterior side of the door)
- Rail or Glass Mount
- Glass Thickness
- Keyed In and Out or Keyed Out / Thumbturn In
- Single or Double Door Stop Strike (for DB132 Single Acting Doors Only)
- With or Without Electric Strike Prep (for DB130 Only)
- Finish

NOTE: Strikes must be ordered separately.

MAXIMUM DOOR HEIGHTS

| Exterior | 96" (2.44 m) for 1/2" (12 mm) Glass Thickness |
| Interior | 102" (2.59 m) for 3/4" (19 mm) Glass Thickness |
| Exception | When using "F" Style Exterior Handle |

See page Z479 for Deadbolt Size limitations.

See page Z480 for Deadbolt Handle details.

SPECIFICATIONS:

Material:
- 1-1/4" (32 mm) Diameter Brass or Stainless Steel Tubing (1.5 mm thick)

Glass Thicknesses:
- 1/2" (12 mm) or 3/4" (19 mm) Glass Thickness

Glass Fabrication:
- Please contact CRL Technical Sales

Certification:
- UL Classified
- ANSI A156.16-1997

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.

Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.
CRL Deadbolt Handle Size Limitations

Increased Sizes Make Door Assemblies Heavier and More Flexible. Therefore, the Following Should Be Considered:

- Wind Load, Stack Pressure, and Ventilation Loads
- Mounting Conditions of Doors to Building Structure
- Deadbolt Locks, Panic Devices, or Other Hardware
- Overhead or Floor Closer Characteristics
- Heavy Usage and Frequency of Operation
- Comfortable Feel and Ease of Door Operation

The Architect's Structural Engineer Should Be Consulted So That the Door Design is Correct for the Intended Use

CRL DB100 Series Deadbolt Handles

- Top Latching

MAXIMUM DOOR HEIGHTS
Exterior - 96" (2.44 m) for 1/2" (12 mm) Glass Thickness
- 102" (2.59 m) for 3/4" (19 mm) Glass Thickness
Interior - 102" (2.59 m) for 1/2" (12 mm) Glass Thickness
- 108" (2.74 m) for 3/4" (19 mm) Glass Thickness
Exception - When using "F" Style Exterior Handle
- 108" (2.74 m) for either 1/2" or 3/4" (12 or 19 mm) Glass Thickness

Typically 4-1/8" (105 mm) but this dimension is affected by jamb condition interaction with exterior handle option

60" Maximum with 1/2" glass (1524 mm with 12 mm glass)
66" Maximum with 3/4" glass (1676 mm with 19 mm glass)

CRL DB110 Series Deadbolt Handles

- Bottom Latching

MAXIMUM DOOR HEIGHTS
Exterior - 96" (2.44 m) for 1/2" (12 mm) Glass Thickness
- 102" (2.59 m) for 3/4" (19 mm) Glass Thickness
Interior - 102" (2.59 m) for 1/2" (12 mm) Glass Thickness
- 108" (2.74 m) for 3/4" (19 mm) Glass Thickness
Exception - When using "F" Style Exterior Handle
- 108" (2.74 m) for either 1/2" or 3/4" (12 or 19 mm) Glass Thickness

Typically 4-1/8" (105 mm) but this dimension is affected by jamb condition interaction with exterior handle option

34" to 48" (864 to 1219 mm) Consult Local Building Codes

Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700.
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CRL ACCESS CONTROL HANDLES

CRL DB100 Series Deadbolt Handle Details

CRL DB110 Series Deadbolt Handle Details

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NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.
CRL Dummy Handles

- Custom Fabricated to Match All CRL Panic, Deadbolt or Electronic Egress Control Handle and Exterior Handle Combinations
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors in Interior and Exterior Applications
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- Stock Finishes Available for Shipment Within Three to Five Business Days

When functionality is not required, our Dummy Handles can be made to match any of our Panic, Deadbolt or Electronic Egress Handles, giving you the same appearance throughout your project. C.R. Laurence's experienced Manufacturing Division can also create custom Dummy Handles to meet design demands.

Our Technical Sales Professionals will discuss with you how best to fill your needs. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

ORDERING OPTIONS
When ordering Dummy Handles you must specify:
- Interior Handle Option (see page Z467)
- Exterior Handle Option (see page Z467)
- Handing (as viewed from the exterior side of the door)
- Rail or Glass Mount
- Glass Thickness
- Finish

NOTE: Models for Aluminum or Wood Doors are available on special order.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.

Technical Assistance

CRL Technical Sales can be reached Monday through Friday from 6:00 am to 5:00 pm Pacific Time. Phone toll free (800) 421-6144 from anywhere in the U.S., (877) 421-6144 from anywhere in Canada, or (323) 588-1281 International, and ask for Ext. 7700.

You can also send e-mail requests for quotes or product information from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.
CRL EG100 and EG110 Series Electronic Egress Control Handles

- UL and ULC Recognized Component
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- Wide Selection of Exterior Fixed Handles
- Custom Sizes Ship Within One to Two Weeks
- Models for Aluminum or Wood Doors Available on Special Order

CRL EG100 Series Electronic Egress Control Handles are an economical method to control access into, and safe exit from, areas that call for security and still maintain the beauty and view of an 'all-glass' door. These elegant tubular devices give you maximum viewing area and a contemporary look when used on 1/2" or 3/4" (12 or 19 mm) tempered glass doors.

Like our Panic and Deadbolt Handle Line, these Handles also meet the rigid requirements imposed by the A.D.A. Codes on every manufacturer and installer of 'all-glass' doors.

The interior portion of the device is a slender 1-1/4" (32 mm) tube stretching across the door and then gently turning upwards to the top of the door. This eliminates any interference in the lower half of the door, which must remain clear of obstructions to pass A.D.A. demands.

An Electronic Switch is completely concealed within the tube and releases a Magnetic Lock at the top or bottom of the door when gently pushed. To complement the sleek interior look, we offer a variety of exterior pull handles that can be as simple as a horizontal handle (Model EG100A) to one that mirrors the interior device (Model EG100D).

A Magnetic Lock must be ordered separately. Please contact CRL Technical Sales. For your convenience, Custom Headers are available with all lock hardware installed.

If A.D.A. Codes are not a concern, we also have our EG110 Series Electronic Egress Control Handles. These Handles are of the same sleek design and operation as the EG100 Series, except they stretch across the door and then bend downward to the bottom of the door.

All of our EG100 and EG110 Electronic Egress Control Handles come equipped with surge suppression ZNR that is compatible with most Shear Locks. However, we suggest that the lock manufacturer be contacted to ensure compatibility with this feature.

All CRL Electronic Egress Control Handles go through rigorous testing before they leave our manufacturing facility, ensuring that a high quality, dependable product is installed every time. Most importantly, they are all UL and ULC Recognized Components, tested to NFPA Life and Safety Code Standards.

For more information on EG100 and EG110 Series Electronic Access Control Handles, see pages Z483 to Z488, contact CRL Technical Sales, or visit our web site at crlaurence.com.

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHALL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM
Listing No. 3774-1603:100
U.S. Patent No. 7,347,461

Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700.
You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.
CRL ACCESS CONTROL HANDLES

Standard Interior Configurations for CRL Electronic Egress Control Handles

Available with or without Keyed Access Device

Exterior Handle Combinations for Doors with CRL Electronic Egress Control Handles

NOTE: All Exterior Fixed Handles below can be used in combination with any Electronic Egress Control Handle. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send e-mail from the crlaurence.com home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

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CRL ACCESS CONTROL HANDLES

CRL EG100 Series Egress Control Handles

- UL and ULC Recognized Component
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors
- Wide Selection of Exterior Fixed Handles
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- Models for Aluminum or Wood Doors Available on Special Order

ORDERING OPTIONS
When ordering EG100 Series Electronic Egress Control Handles you must specify:
- EG100 (interior mechanism as shown above)
- Exterior Handle Option (A and D shown above, see page Z483 for a complete listing of Optional Exterior Handles)
- Handing (as viewed from the exterior side of the door)
- Rail or Glass Mount
- Glass Thickness
- With or Without Keyed Access Device
- Finish

NOTE: Magnetic Locks must be ordered separately. Please contact CRL Technical Sales.

MAXIMUM DOOR HEIGHTS
Exterior  
- 96" (2.44 m) for 1/2" (12 mm) Glass Thickness  
- 102" (2.59 m) for 3/4" (19 mm) Glass Thickness  
Interior  
- 102" (2.59 m) for 1/2" (12 mm) Glass Thickness  
- 108" (2.74 m) for 3/4" (19 mm) Glass Thickness  
Exception  
- When using "F" Style Exterior Handle  
- 108" (2.74 m) for either 1/2" or 3/4" (12 or 19 mm) Glass Thickness  
See page Z487 for Egress Handle Size limitations.

See page Z488 for Egress Handle details.

SPECIFICATIONS:
- Material: 1-1/4" (32 mm) Diameter Brass or Stainless Steel Tubing (1.5 mm thick)
- Glass Thicknesses: 1/2" (12 mm) or 3/4" (19 mm)
- Glass Fabrication: Please contact CRL Technical Sales
- Certification: UL294-2001 UL Recognized Component
ULC-S533-2002 ULC Recognized Component

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHALL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM
Listing No. 3774-1603-100

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.
CRL EG100 Series Egress Control Handles

- UL and ULC Recognized Component
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors
- Wide Selection of Exterior Fixed Handles
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available by Special Order
- Models for Aluminum or Wood Doors Available on Special Order

CRL EG100F Egress Control Handles

CRL EG100J Egress Control Handles

ORDERING OPTIONS
When ordering EG100 Series Electronic Egress Control Handles you must specify:
- EG100 (interior mechanism as shown above)
- Exterior Handle Option (F and J shown above, see page Z483 for a complete listing of Optional Exterior Handles)
- Handing (as viewed from the exterior side of the door)
- Rail or Glass Mount
- Glass Thickness
- With or Without Keyed Access Device
- Finish

NOTE: Magnetic Locks must be ordered separately. Please contact CRL Technical Sales.

MAXIMUM DOOR HEIGHTS

<table>
<thead>
<tr>
<th></th>
<th>Exterior</th>
<th>Interior</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glass Thickness</td>
<td>1/2&quot; (12 mm)</td>
<td>3/4&quot; (19 mm)</td>
</tr>
<tr>
<td>Height</td>
<td>96&quot; (2.44 m)</td>
<td>102&quot; (2.59 m)</td>
</tr>
</tbody>
</table>

When using "F" Style Exterior Handle:
- 108" (2.74 m) for either 1/2" or 3/4" (12 or 19 mm) Glass Thickness

See page Z487 for Egress Handle Size limitations.

See page Z488 for Egress Handle details.

SPECIFICATIONS:
- Material: 1-1/4" (32 mm) Diameter Brass or Stainless Steel Tubing (1.5 mm thick)
- Glass Thickness: 1/2" (12 mm) or 3/4" (19 mm)
- Glass Fabrication:

Please contact CRL Technical Sales
- Certification:
- UL294-2001 UL Recognized Component
- ULC-S533-2002 ULC Recognized Component

California Department of Forestry & Fire Protection
Office of the State Fire Marshall
Fire Engineering - Building Materials Listing Program
Listing No. 3774-1603:100

U.S. Patent No.
7,347,461

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.
CRL EG110 Series Egress Control Handles

- UL and ULC Recognized Component
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors
- Wide Selection of Exterior Fixed Handles
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- Models for Aluminum or Wood Doors Available on Special Order

CRL EG110A Egress Control Handles

- Exterior Handle Option (A and D shown above, see page Z483 for a complete listing of Optional Exterior Handles)
- Handling (as viewed from the exterior side of the door)
- Rail or Glass Mount
- Glass Thickness
- With or Without Keyed Access Device
- Finish

NOTE: Magnetic Locks must be ordered separately. Please contact CRL Technical Sales.

CRL EG110D Egress Control Handles

- Exterior Handle Option (A and D shown above, see page Z483 for a complete listing of Optional Exterior Handles)
- Handling (as viewed from the exterior side of the door)
- Rail or Glass Mount
- Glass Thickness
- With or Without Keyed Access Device
- Finish

NOTE: Magnetic Locks must be ordered separately. Please contact CRL Technical Sales.

ORDERING OPTIONS
When ordering EG110 Series Electronic Egress Control Handles you must specify:
- EG110 (interior mechanism as shown above)
- Exterior Handle Option (A and D shown above, see page Z483 for a complete listing of Optional Exterior Handles)
- Handling (as viewed from the exterior side of the door)
- Rail or Glass Mount
- Glass Thickness
- With or Without Keyed Access Device
- Finish

NOTE: Magnetic Locks must be ordered separately. Please contact CRL Technical Sales.

MAXIMUM DOOR HEIGHTS
Exterior: - 96' (2.44 m) for 1/2" (12 mm) Glass Thickness
- 102' (2.59 m) for 3/4" (19 mm) Glass Thickness
Interior: - 102' (2.59 m) for 1/2" (12 mm) Glass Thickness
- 108' (2.74 m) for 3/4" (19 mm) Glass Thickness

With or Without Keyed Access Device

NOTE: Magnetic Locks must be ordered separately. Please contact CRL Technical Sales.

See page Z487 for Egress Handle Size limitations.
See page Z488 for Egress Handle details.

SPECIFICATIONS:
Material:
1-1/4" (32 mm) Diameter Brass or Stainless Steel Tubing (1.5 mm thick)

Glass Thicknesses:
1/2" (12 mm) or 3/4" (19 mm)

Glass Fabrication:
Please contact CRL Technical Sales

Certification:
UL294-2001 UL Recognized Component
ULC-S533-2002 ULC Recognized Component

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CRL ACCESS CONTROL HANDLES

CRL Electronic Egress Control Handle Size Limitations

Increased Sizes Make Door Assemblies Heavier and More Flexible. Therefore, the Following Should Be Considered:

- Wind Load, Stack Pressure, and Ventilation Loads
- Mounting Conditions of Doors to Building Structure
- Deadbolt Locks, Panic Devices, or Other Hardware
- Overhead or Floor Closer Characteristics
- Heavy Usage and Frequency of Operation
- Comfortable Feel and Ease of Door Operation

The Architect's Structural Engineer Should Be Consulted So That the Door Design is Correct for the Intended Use

CRL EG100 Series Egress Control Handles

60" Maximum with 1/2" glass (1524 mm with 12 mm glass)
66" Maximum with 3/4" glass (1676 mm with 19 mm glass)
34" to 48" (864 to 1219 mm) Consult Local Building Codes

CRL EG110 Series Egress Control Handles

4-1/8" (105 mm) but this dimension is affected by jamb condition interaction with exterior handle option

MAXIMUM DOOR HEIGHTS

Exterior - 96" (2.44 m) for 1/2" (12 mm) Glass Thickness
- 102" (2.59 m) for 3/4" (19 mm) Glass Thickness
Interior - 102" (2.59 m) for 1/2" (12 mm) Glass Thickness
- 108" (2.74 m) for 3/4" (19 mm) Glass Thickness

Exception - When using "F" Style Exterior Handle
- 108" (2.74 m) for either 1/2" or 3/4"
(12 or 19 mm) Glass Thickness

Typically 4-1/8" (105 mm) but this dimension is affected by jamb condition interaction with exterior handle option

MAXIMUM DOOR HEIGHTS

Exterior - 96" (2.44 m) for 1/2" (12 mm) Glass Thickness
- 102" (2.59 m) for 3/4" (19 mm) Glass Thickness
Interior - 102" (2.59 m) for 1/2" (12 mm) Glass Thickness
- 108" (2.74 m) for 3/4" (19 mm) Glass Thickness

Exception - When using "F" Style Exterior Handle
- 108" (2.74 m) for either 1/2" or 3/4"
(12 or 19 mm) Glass Thickness

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CRL ACCESS CONTROL HANDLES

CRL EG100 Series Electronic Egress Control Handle Details

Rail Mount Detail at Header and Wire Loop for EG100

Keyed Access

Rail Mount Detail at Top of EG100 With Header and Electromagnetic Shear Lock

Retainer Plate

CRL EG110 Series Electronic Egress Control Handle Details

Rail Mount Detail at Sill/Jamb and Wire Loop for EG110

Keyed Access

Rail Mount Detail at Bottom of EG110 With Threshold and Electromagnetic Shear Lock

Retainer Plate

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CRL Electric Strikes, Magnetic Locks, and Accessories

- Large Inventories, Ready to Ship
- Available in 12 or 24 Volt DC Models
- Work With CRL Access Control Systems
- Expert Technical Assistance Available

Visit crlaurence.com for detailed information on these and many other options for your Access Control needs.

CRL Electric Strike

CRL Folger Adam® 310-1 Fail Safe and Non-Fail Safe Electric Strikes

CRL Headers Prepped for Door Closers and Locks

CRL Standard Surface Mounted Single Electromagnetic Lock

CRL Standard Surface Mounted Double Electromagnetic Lock

CRL Electric Solenoid Bolt Lock

CRL Locknetics® Surface Mounted Single Electromagnetic Lock

CRL Locknetics® Surface Mounted Double Electromagnetic Lock

CRL Locknetics® Electromagnetic Mortise Shear Lock

CRL Securitron® Electromagnetic Mortise Magnalock

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