**C3 Push-to-Close Latch**
Pull-to-open · Grabber catch · Snap-in

- Spring-loaded over-center latching
- One assembly includes catch and keeper

**Material and Finish**
PC/ABS, black and glass-filled nylon, black, mineral filled nylon, black

**Performance Details**
Operating temperature range: -30°C (-20°F) to 60°C (140°F)
Flammability rating: UL94-HB

**Installation Notes**
Maximum tightening torque on mounting screws (not supplied)
Keeper: 2.8 N-m (24.8 in-lbf)

Orient keeper to latch. The arrow on the keeper should point towards the cam. Mount to door and adjust for smooth latching

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**Part Number**
See table

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<table>
<thead>
<tr>
<th>Approximate Pull-Up Force</th>
<th>Spring Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Frame Thickness Range</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.1 - 2.9 (.043 - .114)</td>
</tr>
<tr>
<td>13 N (3 lbf)</td>
<td>Blue</td>
<td>C3-303</td>
</tr>
<tr>
<td>22 N (5 lbf)</td>
<td>Silver</td>
<td>C3-305</td>
</tr>
<tr>
<td>44 N (10 lbf)</td>
<td>Black</td>
<td>C3-310</td>
</tr>
</tbody>
</table>

Dimensions in millimeters (inch) unless otherwise stated.
**C3 Push-to-Close Latch**

Pull-to-open · Grabber catch · Side mount

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**Catch**

- Dimensions in millimeters (inch) unless otherwise stated
- Cam: 14.5 (.57) x 40.6 (1.60)
- Spring: 2.5 (.1) x 8 (.32)
- 2 holes, Ø 3.3 (.13)

**Keeper**

- Orientation indicator: 4 (.16) x 48.3 (1.90)
- Spring: 4 (.16) x 11.5 (.45)
- Cam: 55 (2.17)

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**Right Side Installation Shown**

Invert catch and keeper for left side installation

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**Installation Notes**

- Orient keeper to latch. The arrow on the keeper should point towards the cam. Mount to door and adjust for smooth latching.
- Minimum distance from frame (or surface on which catch sub-assembly is mounted) to centerline of door hinge is 150 (5.9)

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**Material and Finish**

PC/ABS, black and glass-filled nylon, black, mineral filled nylon, black

**Performance Details**

- Flammability rating: UL94-HB

**Installation Notes**

- Maximum tightening torque on mounting screws: (not supplied)
  - Catch: 1.1 N·m (9.7in·lbf)
  - Keeper: 2.8 N·m (24.8in·lbf)

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**Part Number**

See table

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**Approximate Pull-Up Force** | **Spring Color** | **Part Number**
--- | --- | ---
13 N (3 lbf) | Blue | C3-803
22 N (5 lbf) | Silver | C3-805
44 N (10 lbf) | Black | C3-810

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Dimensions in millimeters (inch) unless otherwise stated

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**Other options available. For complete details on variety, part numbers, installation and specification, go to**

[www.southco.com/C3](http://www.southco.com/C3)
C3 Push-to-Close Latch
Pull-to-open · Grabber catch with integral Microswitch

- Opens and closes switch contacts with door operation
- One assembly includes catch and keeper
- Spring loaded over-center latching

Material and Finish
PC/ABS, black and glass-filled nylon, black

Performance Details
Operating temperature range: -40°C (-40°F) to 60°C (140°F)
Flammability rating: UL94-V0

Installation Notes
Maximum tightening torque on mounting screws (not supplied):
- Catch 1.1 N·m (9.7 in·lbf)
- Keeper 2.8 N·m (24.8 in·lbf)
Orient keeper to latch. The arrow on the keeper should point towards the cam. Mount to door and adjust for smooth latching.

Notes
This product is specifically designed to be used as a mechanical grabber catch with an electric switch. The switch is designed to operate an indicator light or form part of a non-safety related logic circuit. This is not designed for use as a safety interlock.

Terminal cover is used for protection during shipping only. Use strain relief on wires.

Minimum distance from frame (or surface on which catch sub-assembly is mounted) to centerline of door hinge is 150 (5.9)

Part Number
See table

www.southco.com/C3

Dimensions in millimeters (inch) unless otherwise stated