AC-20 Multi Point Actuator
Pull-to-open Paddle

- Single or multi-point actuation capability
- Compatible with a wide range of rotary latches
- Environmentally sealed

Material and Finish
Housing: Glass-filled nylon, black
Paddle: Zinc alloy, black powder coated or chrome plated

Installation Notes
Maximum tightening torque on supplied mounting nuts 3 N·m (27 in·lbf)

Notes
For lock core selection and a complete overview of the SOUTHCO® Key-Choice System see page 158
Can be configured with 1 or 2 cables, see page 272.
Recommended cable type 7

Part Number
See table

Dimensions in millimeters (inch) unless otherwise stated
R3-22 Multi Point Actuator
Pull-to-open Paddle

- Single or multi-point actuation capability
- Compatible with a wide range of rotary latches
- Environmentally sealed

Material and Finish
Latch assembly: Zinc alloy, black or white powder coated or chrome plated.
Mounting bracket: Steel, zinc plated

Installation Notes
Maximum tightening torque on mounting screws: 2 N\(\cdot\)m (14 in\(\cdot\)lbf)

Notes
For lock core selection and a complete overview of the SOUTHCO® Key-Choice System see page 158
Can be configured with 1 or 2 cables. Recommended cable type 7. Cable mounting brackets sold separately. (See page 275).

Part Number
Order latch, bracket and mounting screws separately
For latch see table
For mounting bracket, order part number R3-23-161-11
See table for mounting screws

<table>
<thead>
<tr>
<th>Locking Options</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 Non-locking</td>
<td>1 Polished chrome</td>
</tr>
<tr>
<td>1 Reversible Key (No keys - R001)</td>
<td>5 Black powder coated</td>
</tr>
<tr>
<td>2 Reversible Key (2 keys included - R001)</td>
<td>7 White powder coated</td>
</tr>
<tr>
<td>4 Standard Key (No keys - CH751)</td>
<td></td>
</tr>
<tr>
<td>5 Standard Key (2 Keys included - CH751)</td>
<td></td>
</tr>
<tr>
<td>9 No lock plug installed (see notes for more information)</td>
<td></td>
</tr>
</tbody>
</table>

Dimensions in millimeters (inch) unless otherwise stated
AC-10 Actuator
Large handle • Flush mount

- Rear mount installation
- Flush mounting style
- Single, multi-point or direct pull actuation capability
- Multiple key code options
- Non-Locking option
- Electronic lock/unlock option

Material and Finish
Housing, handle, rotating linkage: glass-filled nylon, black
Threaded stud and cable bracket retainers: steel, zinc nickel
Housing and handle gaskets: adhesive backed foam, black

Installation Notes
Mounting nut (M6 x 1) not supplied. Installation torque of mounting nuts not to exceed 7 N•m (62 in-lbf)

Notes
AC-10 can only use snub end coupling (Type 6 or 7 cable).

Electronic Actuator Operating Information
Voltage: 12 V ±1.2 V
Current: 2.5 A - 3 A
Pulse Duration: 225 ms ±25 ms

Part Number Selection

Notes:
For use with Rods / Cables, recommended Snap-in Retainer for Rotator Plate: Southco Part Number R4-0-43922. See Trade Drawing J-R4-0-43922 for more details and options.

For lock core selection, detailed key information and a complete overview of the SOUTHCO® Key-Choice System see PK Lock Cores section.

For unique key code options, please contact customer service.

Dimensions in millimeters (inch) unless otherwise stated
**AC-11 Actuator**

**Large Handle • Flush Mount**

- Rear mount installation
- Flush mounting style
- Single, multi-point or direct pull actuation
- Multiple key code options
- Non-locking option

**Material and Finish**

Housing, handle, linkage: glass-filled nylon, black

Threaded stud and cable bracket retainers: steel, zinc nickel plated

Housing and handle gaskets: Adhesive backed foam, black

**Installation Notes**

Mounting nut (M6 x 1) not supplied.
Installation torque of mounting nuts not to exceed 7 N•m (62 in-lbf)

**Notes**

AC-11 can only use snub end coupling (Type 6 or 7 cable).

---

### Panel Preparation

- Direct Pull
- Multi-Point Without Cable Bracket
- Multi-Point With Cable Bracket

**Part Number Selection**

**Notes:**

For use with Rods / Cables, recommended Snap-in Retainer for Rotator Plate: Southco Part Number R4-0-43922. See Trade Drawing J-R4-0-43922 for more details and options.

For lock core selection, detailed key information and a complete overview of the SOUTHCO® Key-Choice System see PK Lock Cores section.

For unique key code options, please contact customer service.

Other options available. For complete details on variety, part numbers, installation and specification, go to www.southco.com/AC

---

**Part Number**

- **AC - 11 - S L 1 - 11 - KC**

**S Actuation Style**

1. Single Point, Direct Pull
2. Multi-Point, without Cable Bracket
3. Multi-Point, with Cable Bracket

**L Locking Options**

0. Non-Locking
1. Reversible key (No keys - R001)
2. Reversible key (2 keys included - R001)
3. Reversible key (keyed differently - 2 keys included)
4. Standard key (No keys - CH751)
5. Standard key (2 keys included - CH751)
6. Standard key (keyed differently - 2 keys included)
7. Reversible Key (2 keys included - 14603)
8. No Lock Plug installed (See notes for more information)

**KC Key Codes**

(Omit for Locking Options 0, 1, 2, 4, 5 and 9)

*K010 Keyed Differently (Only used if L = 3 or 6)

*MK10 Master Keyed Differently (Only used if L = 6)

* Supplied in multiples of 10 with 10 different key codes.

Dimensions in millimeters (inch) unless otherwise stated
**AC-15 Actuator**

*Large Handle • Surface Mount*

- Rear mount installation
- Surface mounting style
- Direct pull actuation
- Multiple key code options
- Non-locking option

**Material and Finish**

Housing, handle, linkage: glass-filled reinforced nylon, black

Threaded inserts: brass, natural

Housing and handle gaskets: adhesive backed foam, black

**Installation Notes**

Mounting hardware (M6 x 1) not supplied. Recommended screw length = panel thickness + 10.0 (.39)

Installation torque of mounting nuts not to exceed 7 Nm (62 in-lbf)

---

**Part Number Selection**

**Notes:**

For lock core selection, detailed key information and a complete overview of the SOUTHCO® Key Choice System see PK Lock Cores section.

For unique key code options, please contact Southco.

---

**Dimensions in millimeters (inch) unless otherwise stated**
AC-30 Multi Point Actuator
Push-Button

- Single or multi-point actuation capability
- Accommodates wide panel thickness
- Multiple key code options
- Single hole install

Material and Finish
Button: Nylon
Housing: Zinc or Stainless steel
Lock Plug: Zinc
Cam, Washer, Rivet: Stainless steel, passivated

Part Number Selection

<table>
<thead>
<tr>
<th>E</th>
<th>End Style</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>With Cam attached</td>
</tr>
<tr>
<td>3</td>
<td>Without Cam attachment</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>H</th>
<th>Housing Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Zinc alloy with black powder coat</td>
</tr>
<tr>
<td>3</td>
<td>Stainless steel with black powder coat</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>B</th>
<th>Button Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Nylon, black</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>L</th>
<th>Locking Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Reversible key (No keys - R001)</td>
</tr>
<tr>
<td>2</td>
<td>Reversible key (2 keys included - R001)</td>
</tr>
<tr>
<td>3</td>
<td>Reversible key (Multiple key codes - 2 keys included)</td>
</tr>
<tr>
<td>4</td>
<td>Standard key (No keys - CH751)</td>
</tr>
<tr>
<td>5</td>
<td>Standard key (2 keys included - CH751)</td>
</tr>
<tr>
<td>6</td>
<td>Standard key (Multiple key codes - 2 keys included)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>M</th>
<th>Mounting Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>With spacer mounting (must have if glass panel)</td>
</tr>
<tr>
<td>2</td>
<td>Without spacer mounting</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>K</th>
<th>Key Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>KD10</td>
<td>Keyed differently (10 codes)</td>
</tr>
<tr>
<td>MK10</td>
<td>Master keyed, keyed differently</td>
</tr>
</tbody>
</table>

Dimensions in millimeters (inch) unless otherwise stated

With cam attachment shown

Without cam attachment shown

Panel Thickness from 1 to 22 (.04 to .87) Max

Spacer not required if panel thickness > 10.3 (.41)

Panel preparation

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

www.southco.com/AC
AC-40 Multi Point Actuator
Push-Button Handle

- Single or multi-point actuation capability
- Accommodates wide panel thickness
- Multiple key code options
- Easy Grip

Material and Finish
Button: Nylon
Housing: Zinc Alloy or Stainless steel
Lock plug: Zinc Alloy
Cam, Washer, Rivet: Stainless steel, passivated

Panel Thickness from 1 to 16.8 (.04 to .66) Max.

Other options available. For complete details on variety, part numbers, installation and specification, go to www.southco.com/AC

Part Number Selection

E  End Style
1  With Cam attached
3  Without Cam attachment

H  Handle Material
1  Black GF nylon with zinc housing insert
2  Black GF nylon with stainless steel housing insert

B  Button Material
1  Nylon, black

L  Locking Option
1  Reversible key (No keys - R001)
2  Reversible key (2 keys included - R001)
3  Reversible key (Multiple key codes - 2 keys included)
4  Standard key (No keys - CH751)
5  Standard key (2 keys included - CH751)
6  Standard key (Multiple key codes - 2 keys included)

M  Mounting Method
1  Cable parallel (or no cable), with spacer mounting (must have if glass panel)
2  Cable parallel (or no cable), without spacer mounting
3  Cable cross with spacer mounting (must have if glass panel)
4  Cable cross without spacer mounting

K  Key Codes
(Omit for locking options 1,2,4 and 5)
KD10 Keyed differently (10 codes)
MK10 Master keyed, keyed differently

Dimensions in millimeters (inch) unless otherwise stated
AC Single Point Actuator

T-handle

- Surface mount installation
- Generous grip area
- Pull to activate

Material and Finish
Housing: PC/ABS, black
T-handle and slide: Glass-filled nylon, black
Clip: Acetal, black
Spring: Stainless steel, passivated

Part Number
See table

Part Number
AC-60-101-11

AC Single Point Actuator

Plastic paddle and housing

- Front mount installation
- Flush
- Two cable mounting options

Material and Finish
Paddle and housing: Glass-filled nylon, black
Spring: Stainless steel, passivated

Part Number
See table

Other options available. For complete details on variety, part numbers, installation and specification, go to www.southco.com/AC

Dimensions in millimeters (inch) unless otherwise stated
**AC Single Point Actuator**

**Push-button**

- **Flush**
- **Mounting hardware included**

**Material and Finish**

Push button and housing: PC/ABS, black
Cam: Glass-filled nylon, black
Spring: Stainless steel, passivated

**Part Number**

See table

---

**AC Single Point Actuator**

**Aluminum paddle and housing**

- **Front mount installation**
- **Three cable mounting options**
- **Low profile**
- **Robust material**

**Material and Finish**

Paddle and housing: Aluminum, black powder coated

**Notes**

AC-75 can only use snub end coupling (Type 6 or 7 cable).

**Part Number**

See table

---

**Dimensions in millimeters (inch) unless otherwise stated**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>AC-80-101-11</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>AC-75-101-11</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Cable Orientation</th>
<th>Panel Thickness</th>
<th>Cable Travel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Placement 1</td>
<td>12.5 (.49) max.</td>
<td>11.1 (.44)</td>
</tr>
<tr>
<td>Placement 2</td>
<td>16 (.63) max.</td>
<td>13.2 (.52)</td>
</tr>
<tr>
<td>Placement 3</td>
<td>16 (.63) max.</td>
<td>13.2 (.52)</td>
</tr>
</tbody>
</table>

www.southco.com/AC

www.southco.com/R4
**AC-50 Single Point Actuator**

**Squeeze handle**

- Single actuation capability
- Accomodates tubular construction or rounded mounting surfaces

**Material and Finish**

Housing, handle: Glass-filled nylon, black

**Installation Notes**

Installation torque of screws not to exceed 2 N•m maximum (Countersunk screws or rivets recommended)

Dimensions in millimeters (inch) unless otherwise stated

---

**Part Number**

AC-50-101-11

---

**Panel Preparation**

---

**Squeeze handle assembly**

**Customer installation tube**

---

**www.southco.com/AC**
**AC Single Point Actuators**

**Stainless Steel · M1 Style Actuator**

### 38mm (1.5")
- **Shown actual size**

### 50mm (2")
- **Shown actual size**

**Single, round-hole installation**

**Locking style restricts access**

**Premium finish and corrosion resistance**

### Material and Finish
- Latch: 316 grade stainless steel, bright polished
- Spacer: Nylon, black
- Contact Southco for other finishes

### Performance Details
- Max. static load: 545 N (122 lbf)

### Accessories - 38mm (1.5")
- Spacer: M1-510-96-1
- Mounting screws: M1-510-96-4
- One key supplied per latch for additional keys order M7-88-9121324-S

### Accessories - 50mm (2")
- For lock style 4
  - Key (pair)
  - Part number: M1-546
- For lock style 7
  - Overmolded key S008 (pair)
  - Part number: M1-525-39-S008

### Cables
- Constructed from marine grade stainless materials, the cable is suitable for multiple bends and can be further customized upon request.

Dimensions in millimeters (inch) unless otherwise stated.
64 Push-to-Close Actuator
Pull-to-open · Paddle handle actuator · Multi-point · Large

- Flush mounting installation
- Multiple mounting styles
- Locking and Non-Locking options

Material and Finish
Stainless steel, polished, steel, zinc plated or black powder coated

Accessories
Flat key, keyed alike CH751
(2 keys per ring)
Part number: PK-10-01

Overmolded key, keyed alike CH751
(2 keys per ring)
Part number: PK-10-01-05

Notes
AC Cable end fitting must be eyelet for this actuator (Page 272)

Part Number Selection

H Housing
0 Weld
1 Rivet through hole 4.9 (.19)
2 Rivet through hole 5.2 (.20)

M Material
10 Steel, zinc plated
20 Stainless steel, polished
50 Steel, black powder coated

L Lock style
0 Non-locking
1 Key-locking keyed alike CH751 (2 Flat keys supplied)

64 - 40 - 4 L H - M

Dimensions in millimeters (inch) unless otherwise stated
AC Cable Splitter

- Allows one actuation point for two rotary latches or two actuation points for one rotary latch
- Adjustable to fine tune timing of actuation points
- Cable splitter and cables sold separately

Material and Finish
Housing: Black Polypropylene
Slider: Black Glass-filled nylon
See page 272 and 273 for cable end fitting and cable type

Packaged Delivery Condition
After customer assembly

Cables shown for illustration only - to be ordered separately

Options available. For complete details on variety, part numbers, installation and specification, go to www.southco.com/AC

Dimensions in millimeters (inch) unless otherwise stated

Part Number
AC-05-301-11
Dimensions in millimeters (inch) unless otherwise stated

**AC Cables**

**Cable Accessories**

- For use with Ø 4 (.157) rod or Southco cable assembly

**Material and Finish**
- Clip: Acetal
- Bracket: Steel

**Part Number**
- See table

---

### Retainer Clip

<table>
<thead>
<tr>
<th>Latch Series</th>
<th>Trigger / Lever Type</th>
<th>Part Number</th>
<th>Color</th>
<th>B (mm)</th>
<th>C (mm)</th>
<th>D (mm)</th>
<th>E (mm)</th>
<th>Trigger / Lever Hole Diameter (mm)</th>
<th>Trigger / Lever Thickness (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>R4-05</td>
<td>Bottom</td>
<td>R4-0-60784</td>
<td>Beige</td>
<td>5.9</td>
<td>3.5</td>
<td>16.4</td>
<td>2.8</td>
<td>6.4</td>
<td>3</td>
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<tr>
<td>R4-0-43922</td>
<td>Perpendicular</td>
<td></td>
<td>Black</td>
<td>5.9</td>
<td>2.5</td>
<td>14.4</td>
<td>4.3</td>
<td>6.3</td>
<td>2</td>
</tr>
<tr>
<td>R4-0-43922-3</td>
<td>In-line</td>
<td></td>
<td>Red</td>
<td>5.9</td>
<td>2.5</td>
<td>14.4</td>
<td>4.3</td>
<td>6.3</td>
<td>2</td>
</tr>
<tr>
<td>R4-0-43922-2</td>
<td>Two Point</td>
<td></td>
<td>Black</td>
<td>5.9</td>
<td>4.5</td>
<td>16.4</td>
<td>4.3</td>
<td>6.3</td>
<td>4</td>
</tr>
<tr>
<td>R4-0-43922-3</td>
<td>Bottom / Top</td>
<td></td>
<td>Black</td>
<td>5.9</td>
<td>4.5</td>
<td>16.4</td>
<td>4.3</td>
<td>6.3</td>
<td>4</td>
</tr>
<tr>
<td>R4-0-43922-2</td>
<td>Dual Trigger</td>
<td></td>
<td>Red</td>
<td>5.9</td>
<td>4.5</td>
<td>16.4</td>
<td>4.3</td>
<td>6.3</td>
<td>4</td>
</tr>
<tr>
<td>R4-0-43922</td>
<td>Perpendicular</td>
<td></td>
<td>Black</td>
<td>5.9</td>
<td>2.5</td>
<td>14.4</td>
<td>4.3</td>
<td>6.3</td>
<td>2</td>
</tr>
<tr>
<td>R4-0-43922-3</td>
<td>Two Point</td>
<td></td>
<td>Red</td>
<td>5.9</td>
<td>2.5</td>
<td>14.4</td>
<td>4.3</td>
<td>6.3</td>
<td>2</td>
</tr>
<tr>
<td>R4-0-43922-2</td>
<td>Bottom</td>
<td></td>
<td>Black</td>
<td>5.9</td>
<td>4.5</td>
<td>16.4</td>
<td>4.3</td>
<td>6.3</td>
<td>4</td>
</tr>
<tr>
<td>R4-0-43922-3</td>
<td>Bottom / Top</td>
<td></td>
<td>Black</td>
<td>5.9</td>
<td>4.5</td>
<td>16.4</td>
<td>4.3</td>
<td>6.3</td>
<td>4</td>
</tr>
<tr>
<td>R4-0-43922-2</td>
<td>Dual Trigger</td>
<td></td>
<td>Red</td>
<td>5.9</td>
<td>4.5</td>
<td>16.4</td>
<td>4.3</td>
<td>6.3</td>
<td>4</td>
</tr>
<tr>
<td>R4-0-43922</td>
<td>Perpendicular</td>
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<td>Black</td>
<td>5.9</td>
<td>2.5</td>
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<td>4.3</td>
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<td>2</td>
</tr>
<tr>
<td>R4-0-43922-3</td>
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<td>2</td>
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<tr>
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<td>Two Point</td>
<td></td>
<td>Black</td>
<td>5.9</td>
<td>4.5</td>
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<td>4.3</td>
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<tr>
<td>R4-0-43922-3</td>
<td>Bottom / Top</td>
<td></td>
<td>Black</td>
<td>5.9</td>
<td>4.5</td>
<td>16.4</td>
<td>4.3</td>
<td>6.3</td>
<td>4</td>
</tr>
<tr>
<td>R4-0-43922-2</td>
<td>Dual Trigger</td>
<td></td>
<td>Red</td>
<td>5.9</td>
<td>4.5</td>
<td>16.4</td>
<td>4.3</td>
<td>6.3</td>
<td>4</td>
</tr>
</tbody>
</table>

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### Cable Mounting Bracket

<table>
<thead>
<tr>
<th>Part Number</th>
<th>A (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>R4-0-50253-1</td>
<td>31 (1.22)</td>
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<tr>
<td>R4-0-50253-2</td>
<td>28 (1.10)</td>
</tr>
<tr>
<td>R4-0-50253-3</td>
<td>19 (.75)</td>
</tr>
</tbody>
</table>

- For other options, visit [www.southco.com/C3](http://www.southco.com/C3)