



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

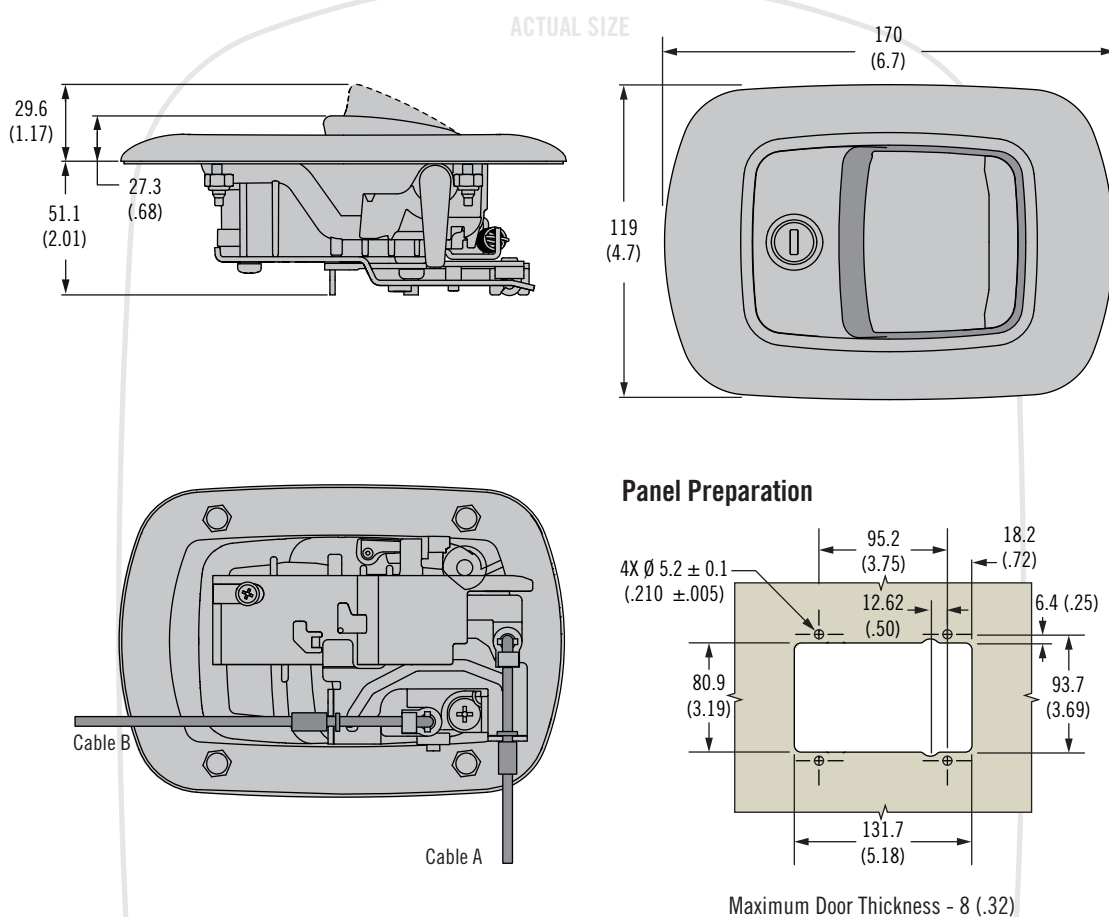
For lock core selection and a complete overview of the *SOUTHCO*® Key-Choice System see page 190

Can be configured with 1 or 2 cables.

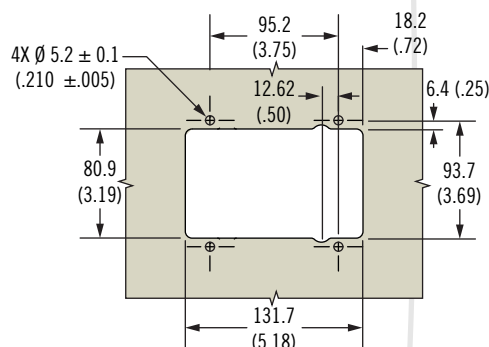
See Cable Selection Tool on Southco.com

Part Number

See table



Panel Preparation



Maximum Door Thickness - 8 (.32)

PP Paddle Finish

30 Chrome, polished

50 Black powder coated

AC - 20 - 3 **L** 1 - **PP** - **KC**

L Locking Options

- 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)
- 9 No Lock Plug installed (See notes for more information)

KC Key Codes

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

***KD10** Keyed Differently (Only used if **L** = 3 or 6)

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

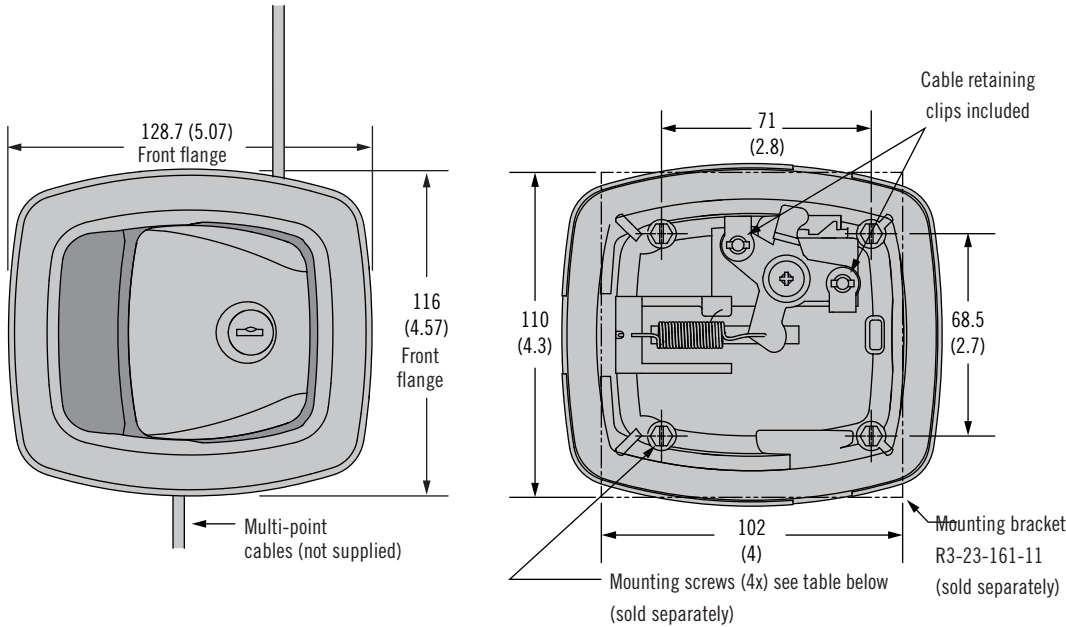
*Supplied in multiples of 10 with 10 different key codes.

R3-22 Multi Point Actuator

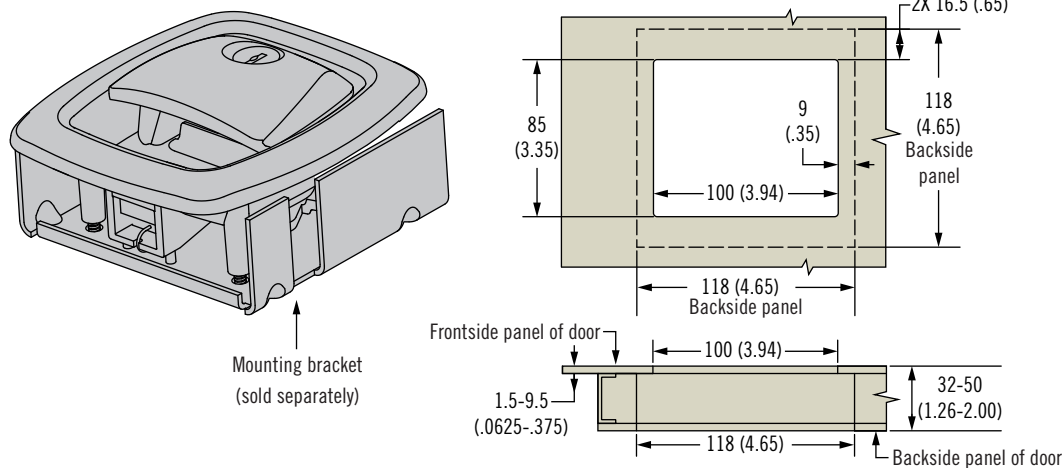
Pull-to-open Paddle



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Panel Preparation



R3 - 22 - 3 L 0 - F 0

L Locking Options

- 0 Non-locking
- 1 Reversible Key (No keys - R001)
- 2 Reversible Key (2 keys included - R001)
- 4 Standard Key (No keys - CH751)
- 5 Standard Key (2 Keys included - CH751)
- 9 No lock plug installed (see notes for more information)

F Finish

- 1 Polished chrome
- 5 Black powder coated
- 7 White powder coated

Screws for Mounting Bracket Part Number R3-23-161-11

Front Door Thickness	No. 8 Self Tapping Screw (order 4 per latch)
1.5 (.062) - 4.8 (.187)	R3-23-250-01
4.8 (.187) - 9.5 (.375)	R3-23-250-02

- 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:
2.8 N·m (25 in-lbf)

Notes

For lock core selection and a complete overview of the *SOUTHCO*® Key-Choice System see page 190

Can be configured with 1 or 2 cables.

See Cable Selection Tool on Southco.com

Cable mounting brackets sold separately. (See page 323)

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



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

For cable configuration, see Cable Selection Tool on Southco.com.

Electronic Actuator Operating Information

Voltage: 12 V $\pm$ 1.2 V

Current: 2.5 A - 3 A

Pulse Duration: 225 ms $\pm$ 25 ms

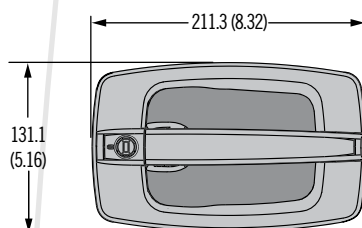
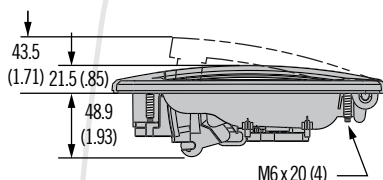
Part Number Selection

Notes:

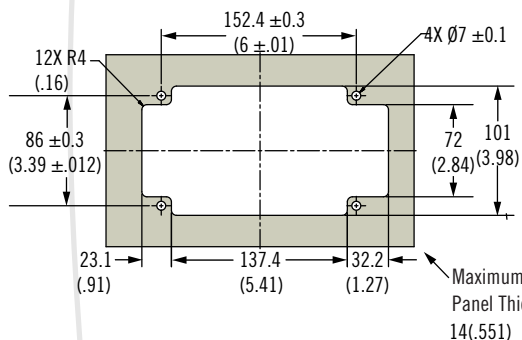
For use with Rods / Cables. Recommended Snap-in Retainer for Rotator Plate: Southco Part Number R4-0-43922.

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

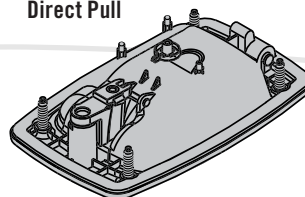
For unique key code options, please contact customer service.



Panel Preparation



Direct Pull

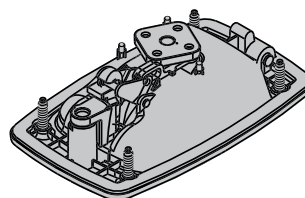


- Recommended to use with Trigger Pull

Part Number

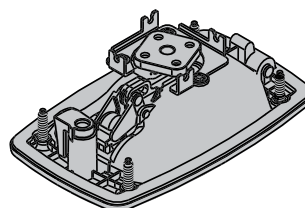
Trigger Pull	R4-0-51292
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Multi-Point Without Cable Bracket



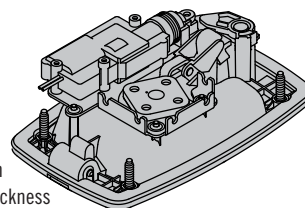
- Recommended to use with Rods

Multi-Point With Cable Bracket



- Recommended for use with Cables.

Multi-Point With Cable Bracket and Lock/Unlock Electronic Actuator



- Recommended for use with Cables.

S Actuation Style

- 1 Single Point, Direct Pull
- 2 Multi-Point, without Cable Bracket
- 3 Multi-Point, with Cable Bracket
- EM-3 Multi-Point with Cable Bracket and Electronic Lock/Unlock (Do not use Locking Option 0)

L Locking Options

- 0 Non-Locking (Do not use Actuation Style EM-3)
- 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)
- 9 No Lock Plug installed (See notes for more information)

AC - 10 - S L 1 - 11 - KC

KC Key Codes

- (Omit for Locking Options 0, 1, 2, 4, 5 and 9)
- *KD10 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.

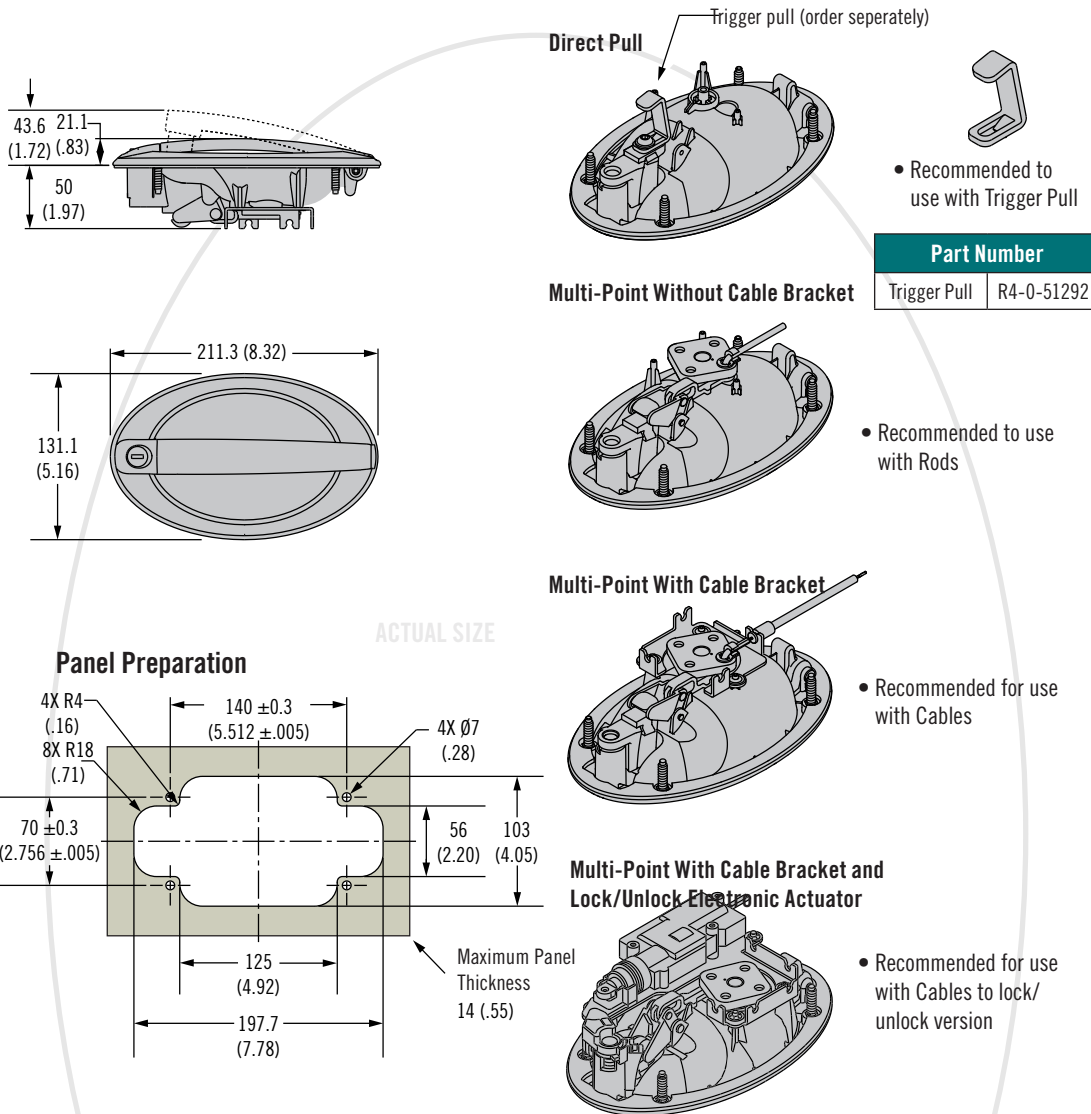
*Eliminate 10 for AC-10-EM version (Use KD and MK only)

AC-11 Actuator

Large Handle · Flush Mount



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

For cable configuration, see Cable
Selection Tool on Southco.com.

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.

S Actuation Style

- 1 Single Point, Direct Pull
- 2 Multi-Point, without Cable Bracket
- 3 Multi-Point, with Cable Bracket
- EM-3 Multi-Point with Cable Bracket and Electronic Lock/Unlock

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)
- 9 No Lock Plug installed (See notes for more information)

KC Key Codes

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

*KD10 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.

*Eliminate 10 for AC-11-EM version (Use KD and MK only).

AC - 11 - S L 1 - 11 - KC



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

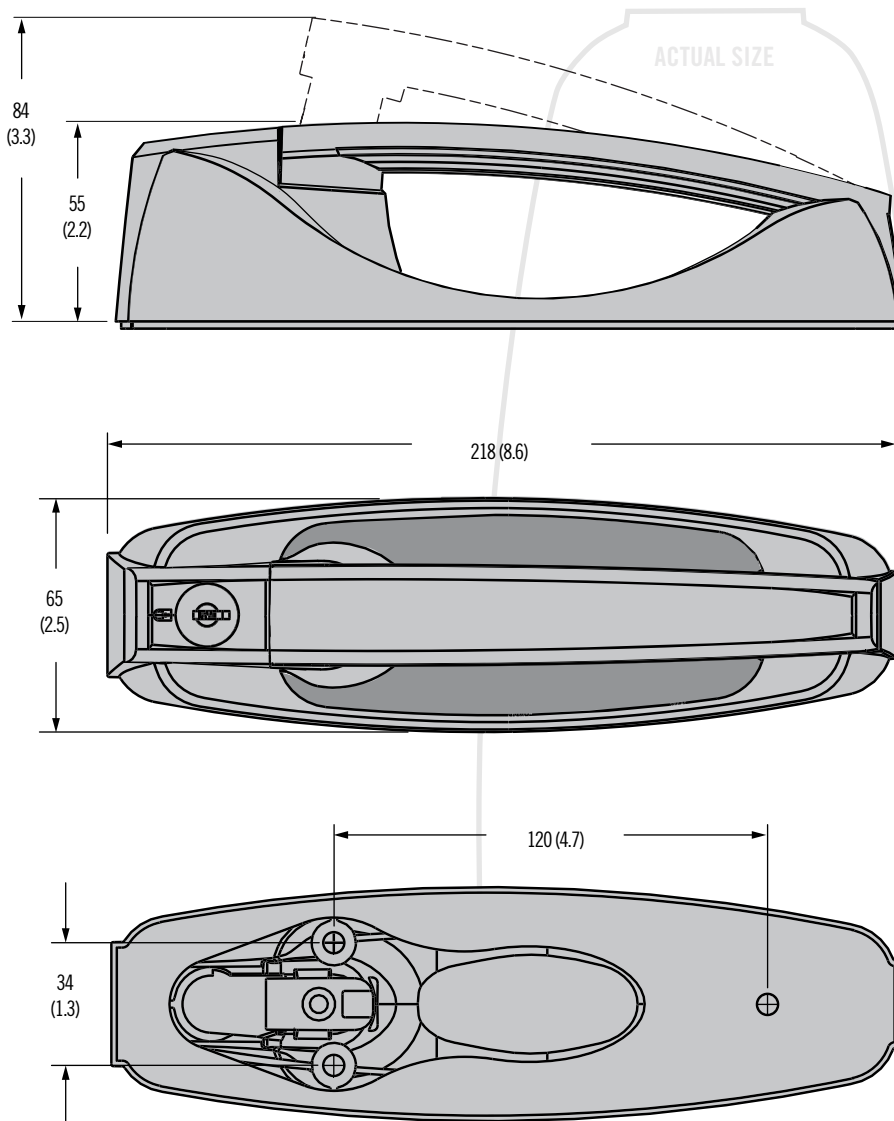
Threaded inserts: brass, natural

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 N·m (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.

AC - 15 - 1 **L** 1 - 11 - **KC**



Locking Options

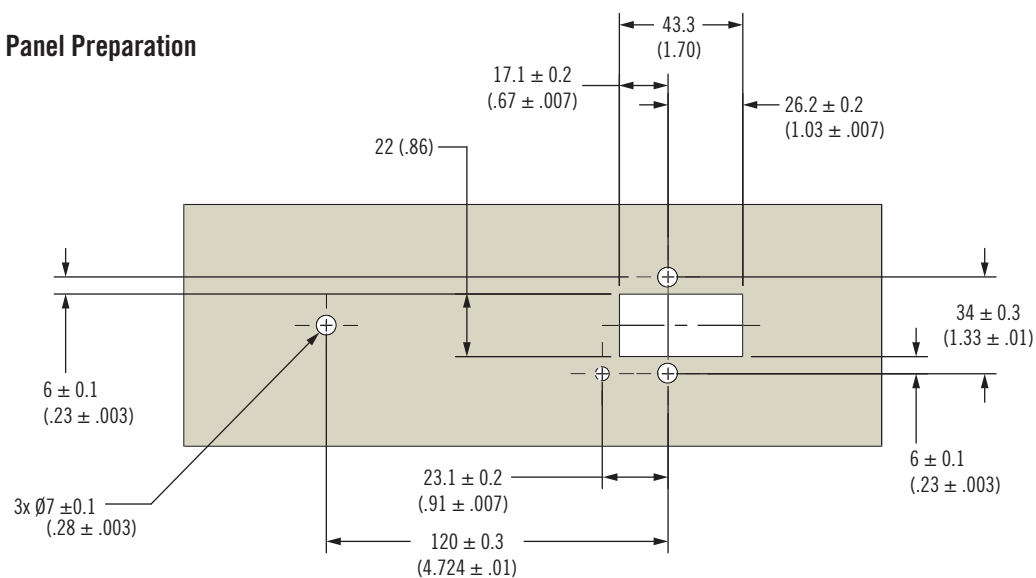
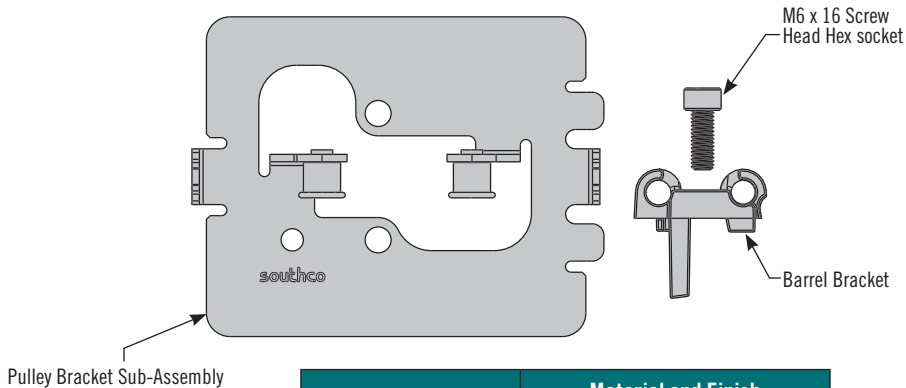
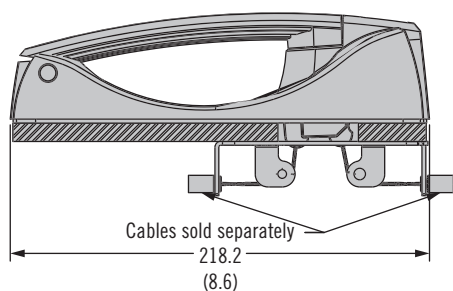
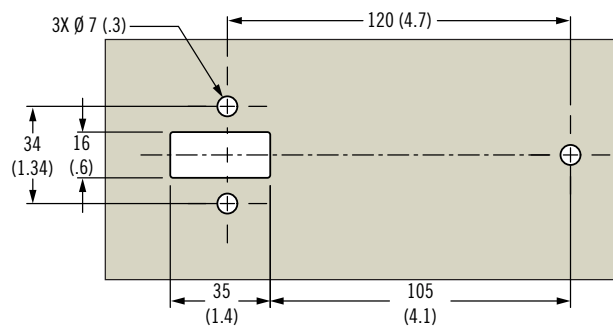
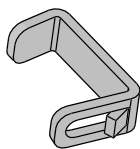
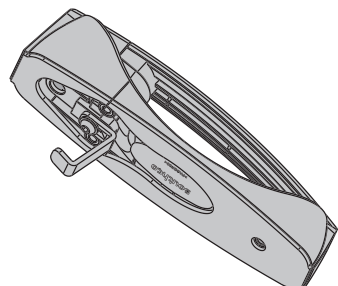
- 0 Non-Locking
- 1 Reversible key (No keys - R001)
- 2 Reversible key (2 keys included - R001)
- 3 Reversible key (keyed differently - 2 keys included)
- 4 Standard key (No keys - CH751)
- 5 Standard key (2 keys included - CH751)
- 6 Standard key (keyed differently - 2 keys included)
- 9 No Lock Plug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



Key Codes

- (Omit for Locking Options 0, 1, 2, 4, 5 and 9)
- ***KD10** 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





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

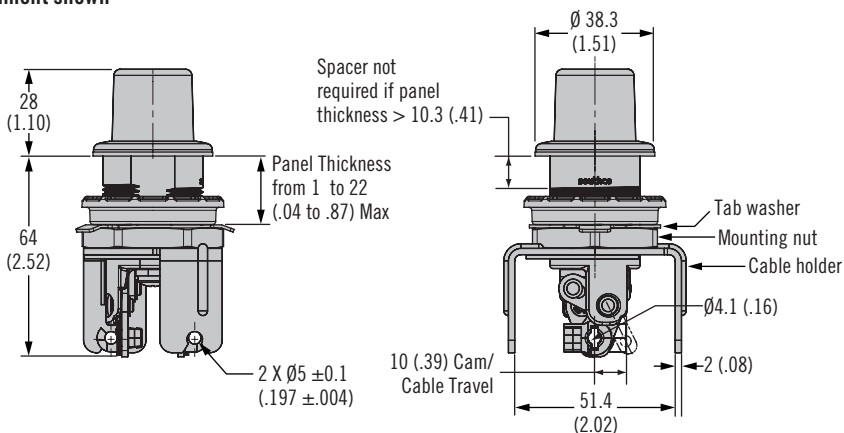
Cam, Washer, Rivet:

Stainless steel, passivated

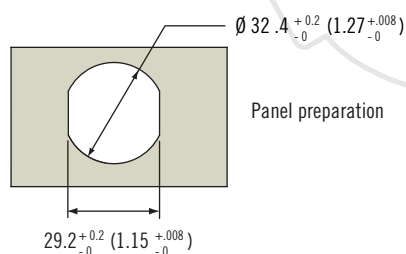
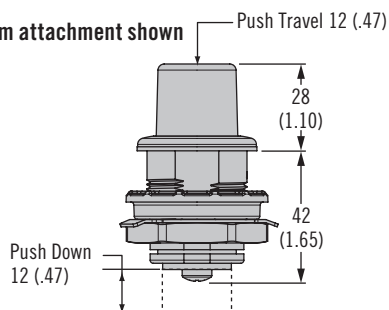
Notes

For cable configuration, see Cable Selection Tool on Southco.com

With cam attachment shown



Without cam attachment shown



Part Number Selection

E End Style

- 1 With Cam attached
- 3 Without Cam attachment

H Housing Material

- 1 Zinc alloy with black powder coat
- 3 Stainless steel with black powder coat

B Button Material

- 1 Nylon, black

L Locking Option

- 0 Non-locking
- 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)
- 7 14603 Key code option
- 9 No lock plug installed

K Key Codes

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

M Mounting Method

- 1 With spacer mounting (must have if glass panel)
- 2 Without spacer mounting

AC - 30 - **E** **L** **M** - **H** **B** - **KC**

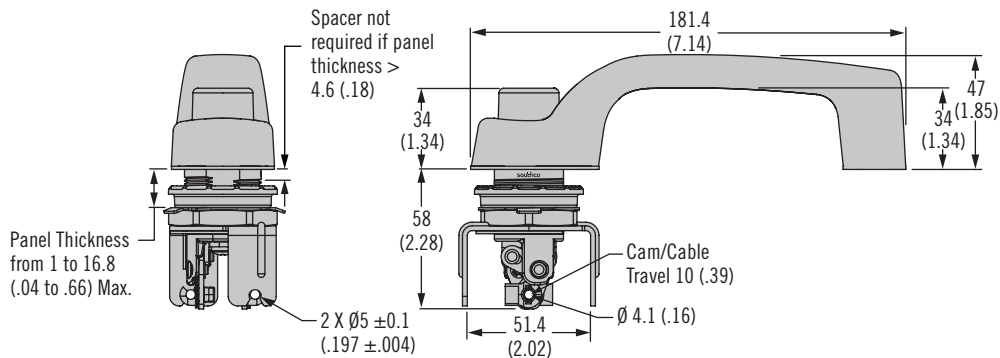
† Require KC key codes extension

AC-40 Multi Point Actuator Push-Button Handle

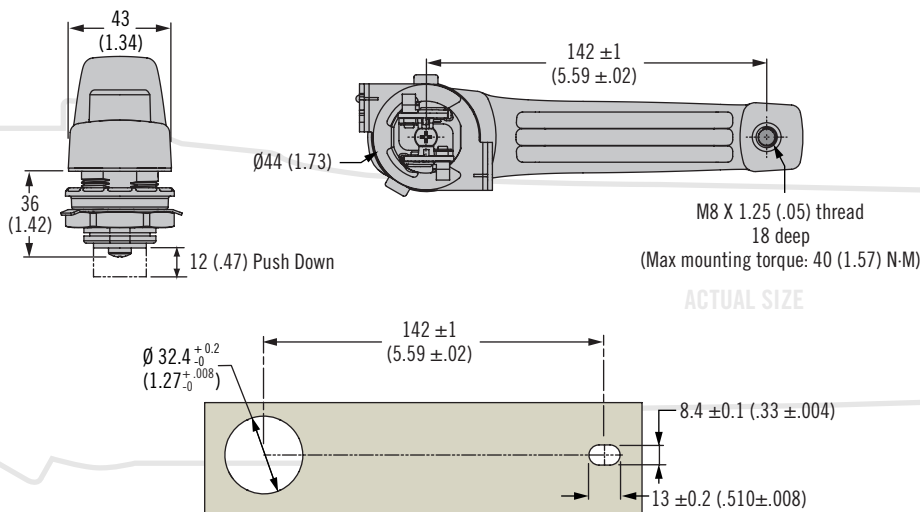


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With cam attachment shown



Without cam attachment shown



ACTUAL SIZE

- 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

Notes

For cable configuration, see Cable Selection Tool on Southco.com

Part Number Selection

E End Style

- 1 With Cam attached
- 3 Without Cam attachment (Mounting method 1 or 2 only)

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

- 0 Non-locking
- 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)
- 7 14603 Key code option
- 9 No lock plug installed

† Require KC key codes extension

K Key Codes

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

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
- *For end style 1 only

AC - 40 - E L M - H B - KC

southco®

Dimensions in millimeters (inch) unless otherwise stated

www.southco.com/AC



AC Single Point Actuator

T-handle

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

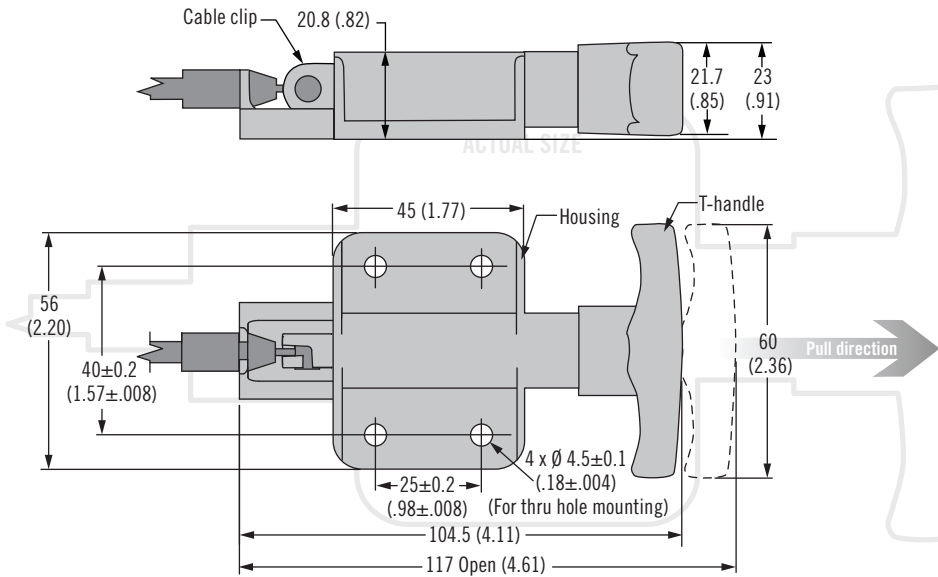
Material and Finish

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

Notes

For cable configuration, see Cable Selection Tool on Southco.com

www.southco.com/AC



Part Number
AC-60-101-11



AC Single Point Actuator

Plastic paddle and housing

- Front mount installation
- Flush
- Two cable mounting options

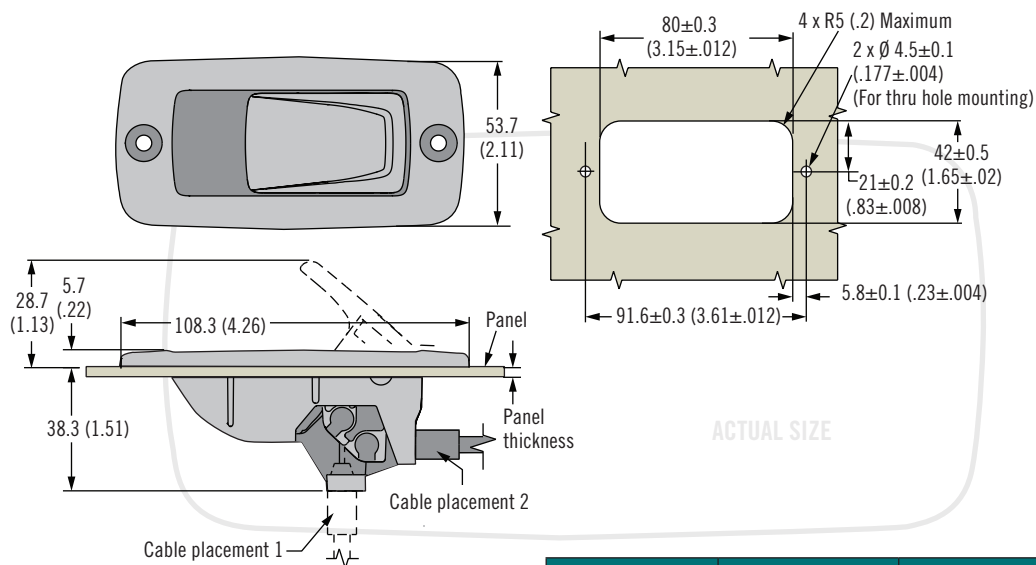
Material and Finish

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

Notes

For cable configuration, see Cable Selection Tool on Southco.com

www.southco.com/AC



Part Number	Cable Orientation	Panel Thickness	Cable Travel
AC-70-101-11	Placement 1	12.5 (.49) maximum	11.1 (.44)
	Placement 2	16 (.63) maximum	13.2 (.52)

Dimensions in millimeters (inch) unless otherwise stated

AC Single Point Actuator

Push-button



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- Flush
- Mounting hardware included

Material and Finish

Push button and housing:

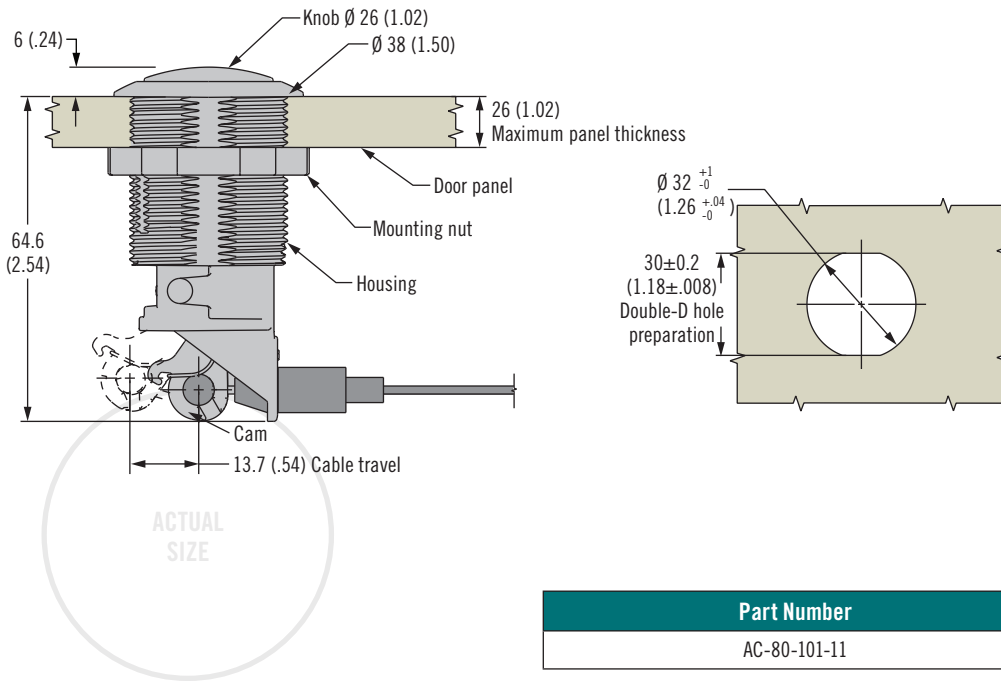
PC/ABS, black

Cam: Glass-filled nylon, black

Spring: Stainless steel, passivated

Notes

For cable configuration, see Cable Selection Tool on Southco.com



www.southco.com/AC

AC Single Point Actuator

Aluminum paddle and housing



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

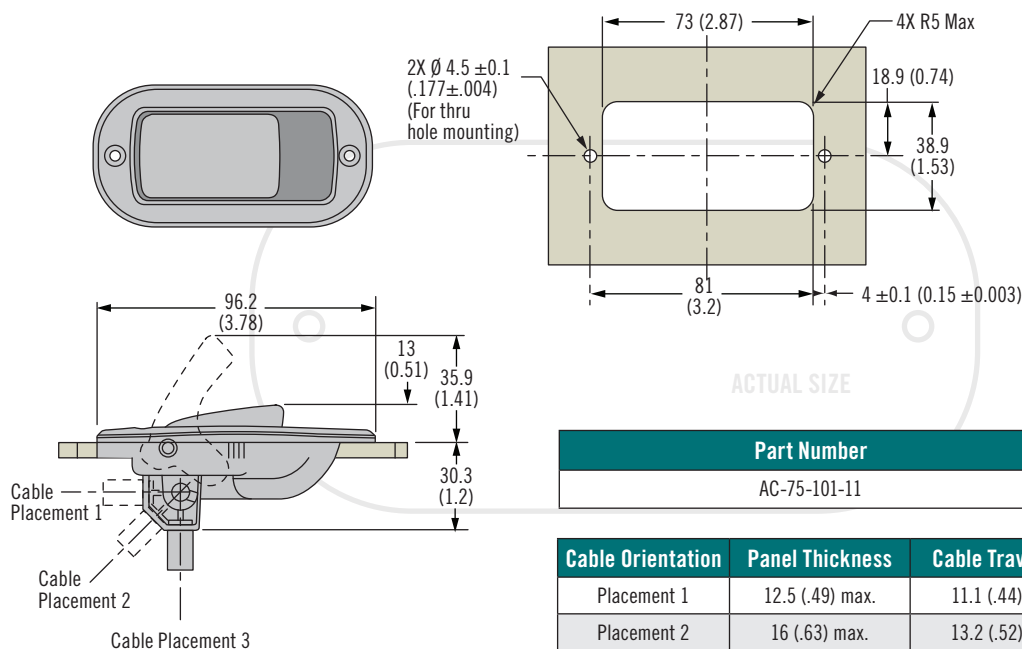
Material and Finish

Paddle and housing:

Aluminum, black powder coated

Notes

For cable configuration, see Cable Selection Tool on Southco.com



Part Number

See table



AC-50 Single Point Actuator

Squeeze handle

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

Material and Finish

Housing, handle: Glass-filled nylon, black

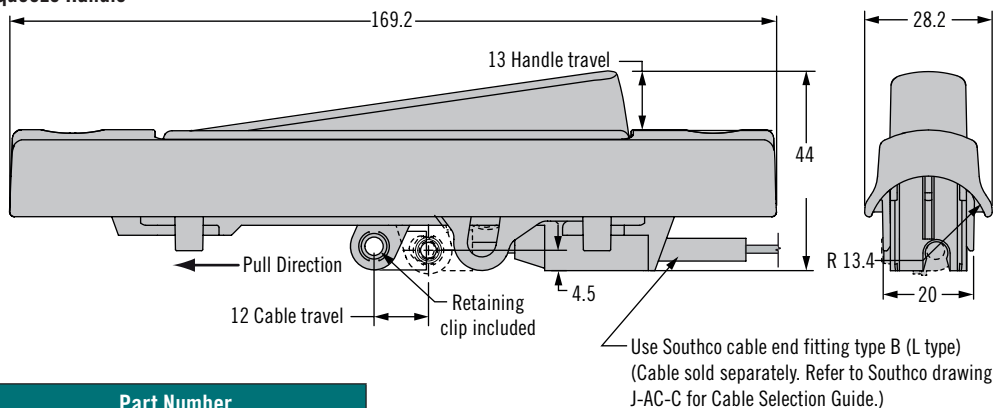
Installation Notes

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

Notes

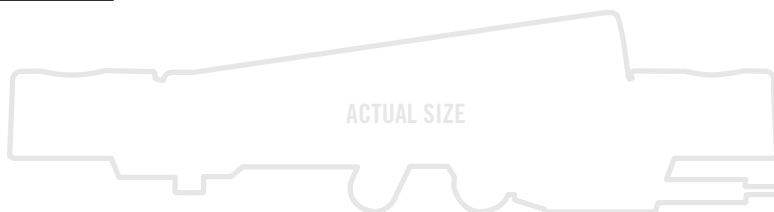
For cable configuration, see Cable Selection Tool on Southco.com

Squeeze Handle

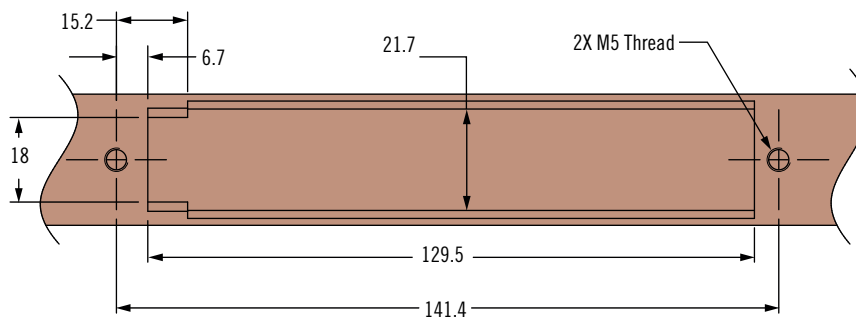


Part Number

AC-50-101-11

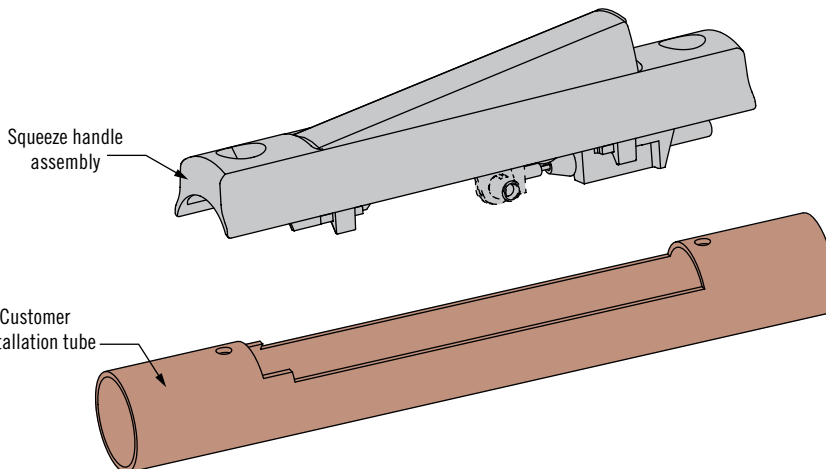


Panel Preparation



Squeeze handle assembly

Customer installation tube



AC Single Point Actuators

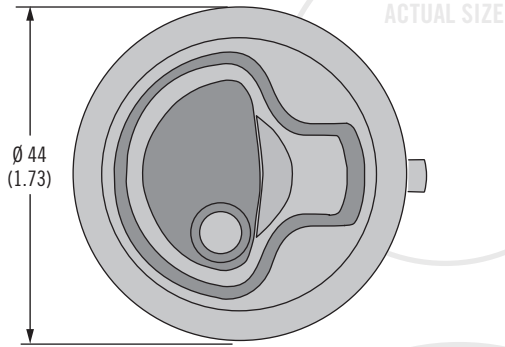
Stainless Steel · M1 Style Actuator



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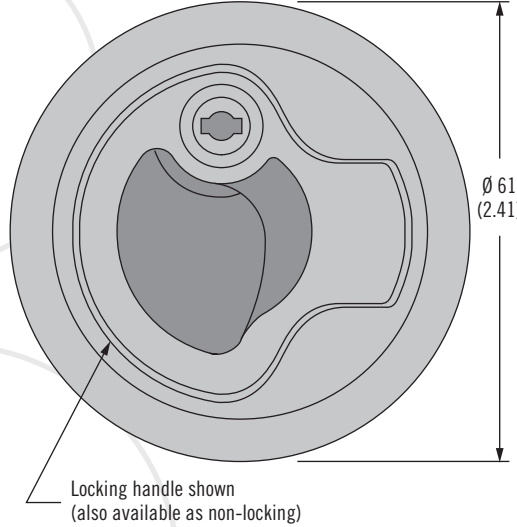
38mm (1.5")

Shown actual size



50mm (2")

Shown actual size



38mm (1.5) $\varnothing 38.1 \pm 0.5$ (1.50 $\pm$.02)
50mm (2) $\varnothing 50 \pm 1.2$ (2.00 $\pm$.015)

Mounting Bracket

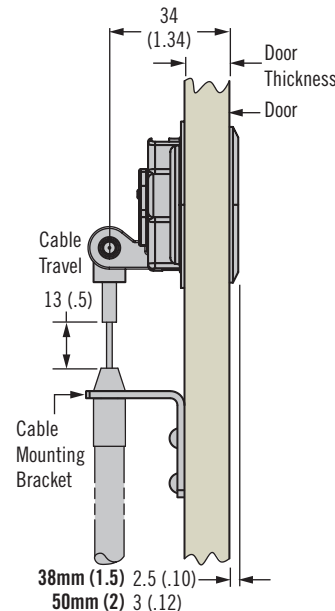
Phillips Recess Pan Head
Mounting Screws (included)

Cable mounting bracket (Sold separately)
See page 323 (1/8" Mounting screws not included)

Actuator Assembly
(38mm (1.5) shown)

Retainer Clip (Sold separately)
R4-0-43922-2

Size	Actuator Assembly	Part Number	Door Thickness	Cable Mounting Bracket
38mm (1.5)	Locking (2 keys supplied)	AC-M1-15-41-8	9 mm	R4-0-50253-1
			12 mm	R4-0-50253-2
	Non-Locking	AC-M1-15-61-8	9 mm	R4-0-50253-1
			12 mm	R4-0-50253-2
50mm (2)	Locking (2 keys supplied)	AC-M1-42-8	9 mm	R4-0-50253-1
		AC-M1-43-8	12 mm	R4-0-50253-2
	Non-Locking	AC-M1-62-8	9 mm	R4-0-50253-1
		AC-M1-63-8	12 mm	R4-0-50253-2
	Key-Locking keyed alike S008	AC-M1-72-8	9 mm	R4-0-50253-1
		AC-M1-73-8	12 mm	R4-0-50253-2



- 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

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

For cable configuration, see Cable Selection Tool on Southco.com



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

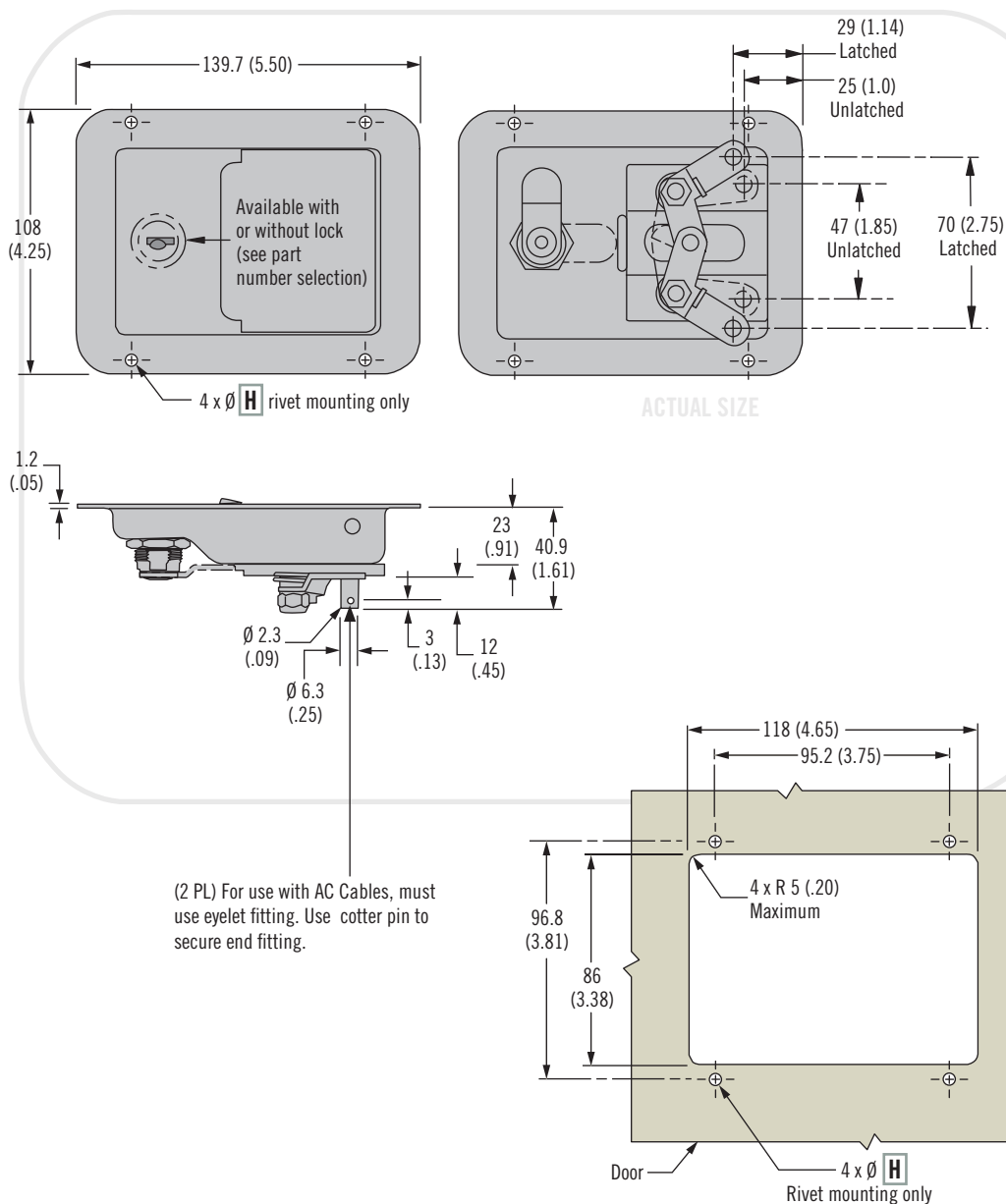


Overmolded key, keyed alike CH751
(2 keys per ring)
Part number: PK-10-01-05



Notes

For cable configuration, see Cable Selection Tool on Southco.com



Part Number Selection

H Housing	M Material
0 Weld	10 Steel, zinc plated
1 Rivet through hole 4.9 (.19)	20 Stainless steel, polished
2 Rivet through hole 5.2 (.20)	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