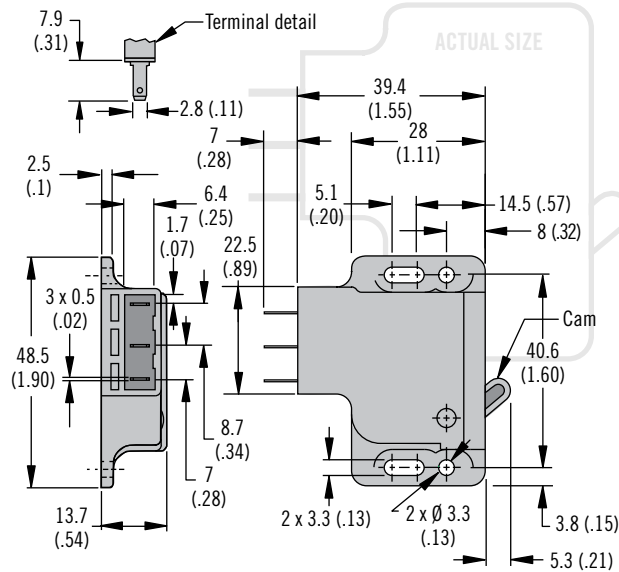
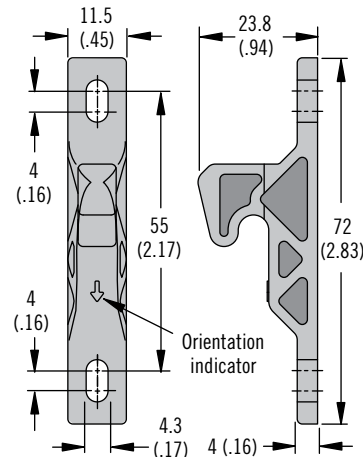


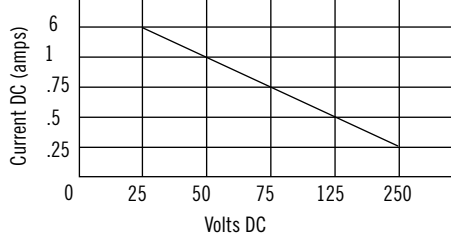
Catch



Keeper



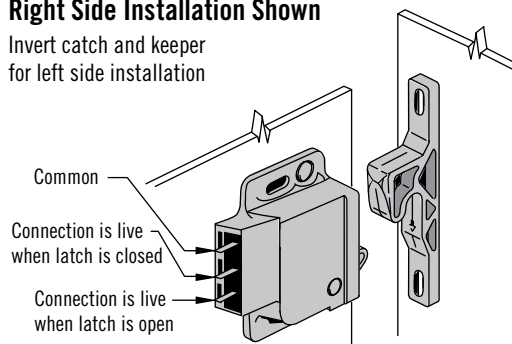
Switch specification. Subminiature VDE, UL approved.
Switch is fitted with fast-on terminals. Max AC voltage 250V,
max AC current 6A. See graph below for DC resistive load.



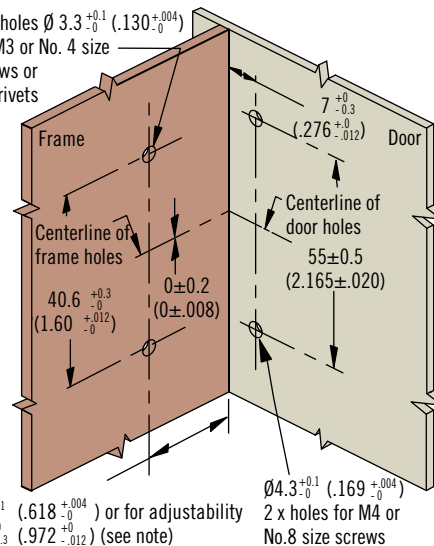
Over 50 V DC, inductive loads should be greatly reduced

Right Side Installation Shown

Invert catch and keeper
for left side installation



Two holes $\varnothing 3.3^{+0.1}_{-0}$ (.130^{+.004}₋₀)
for M3 or No. 4 size
screws or
 $\varnothing 3$ rivets



Note: These holes and dimensions are used only if adjustability through the use of slotted holes in catch is desired.

Approximate Pull-Up Force	Spring Color	Part Number
13 N (3 lbf)	Blue	C3-1803
22 N (5 lbf)	Silver	C3-1805
44 N (10 lbf)	Black	C3-1810

- 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

Max. 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.

Min. 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



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

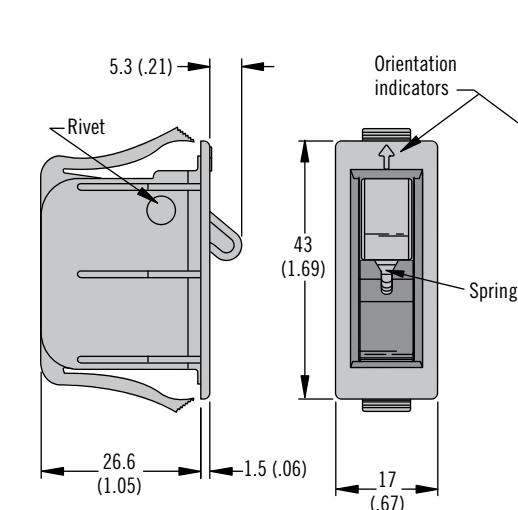
Installation Notes

Max. tightening torque on mounting screws (not supplied)

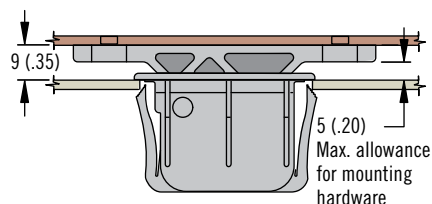
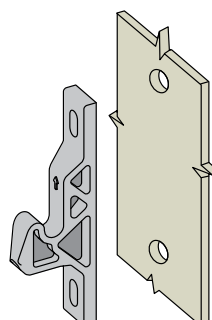
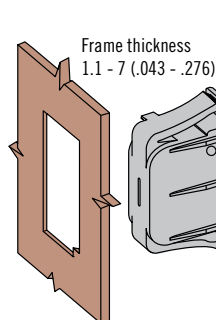
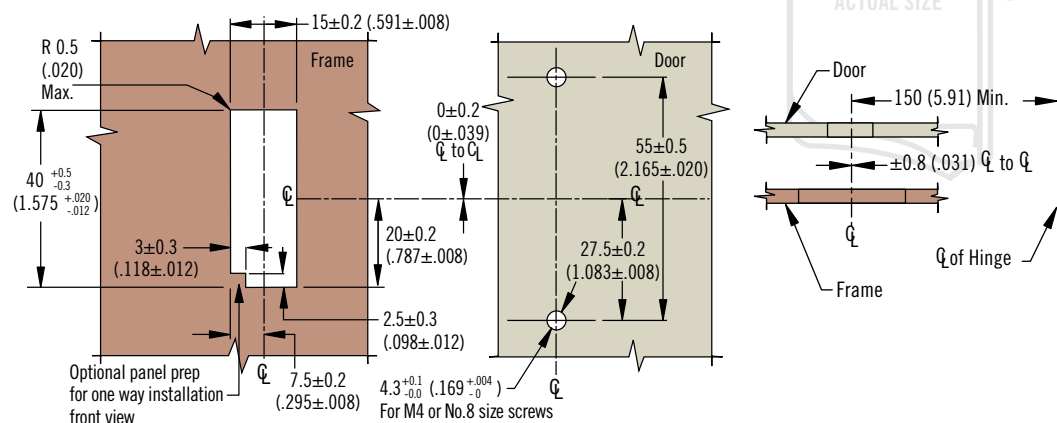
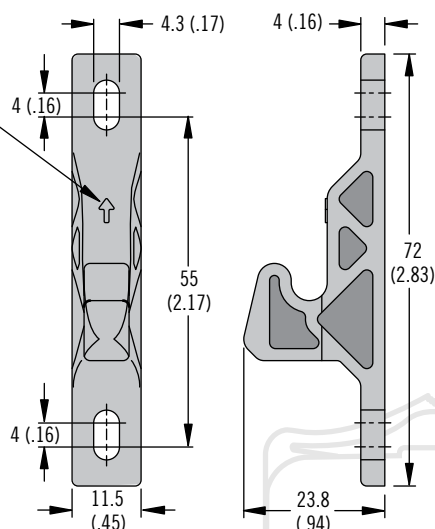
Keeper: 2.8 N·m (24.8 in·lbf)

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

Catch



Keeper



Part Number

See table

Approximate Pull-Up Force	Spring Color	Part Number		
		Frame Thickness Range		
		1.1 - 2.9 (.043 - .114)	2.9 - 5.3 (.114 - .209)	5.3 - 7 (.209 - .276)
13 N (3 lbf)	Blue	C3-303	C3-503	C3-703
22 N (5 lbf)	Silver	C3-305	C3-505	C3-705
44 N (10 lbf)	Black	C3-310	C3-510	C3-710

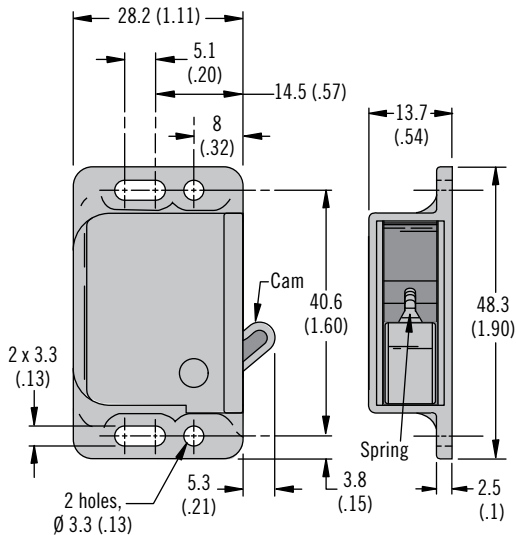
Dimensions in millimeters (inch) unless otherwise stated



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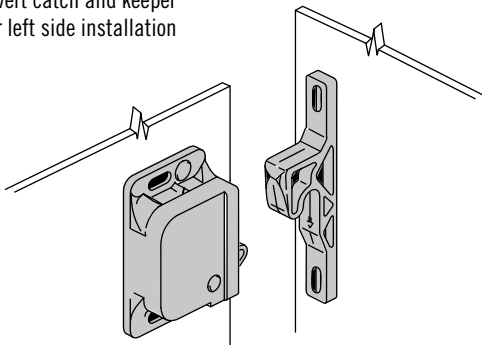
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Catch

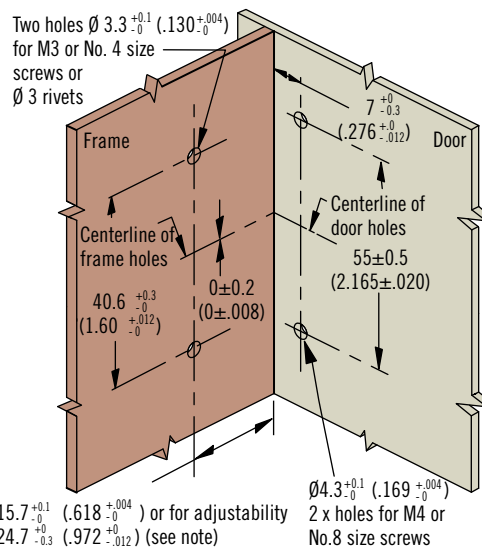
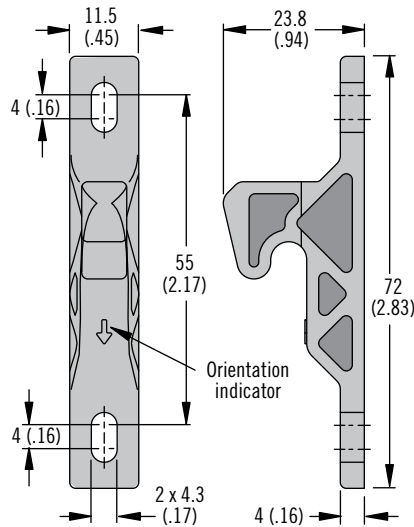


Right Side Installation Shown

Invert catch and keeper
for left side installation



Keeper



Note: These holes and dimensions are used only if adjustability through the use of slotted holes in catch is desired.

- 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

Max. tightening torque on mounting screws: (not supplied)

Catch: 1.1 N·m (9.7in·lbf)

Keeper: 2.8 N·m (24.8in·lbf)

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

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

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

Part Number

See table