GE

QuickAccess™ Lock Mounting Instructions

GE Supra

The QuickAccess™ Lock is a pushbutton access control device that permits authorized entry into cabinets, drawers or other locking enclosures. The QuickAccess Lock is easy to install on a variety of cabinets or enclosures. The QuickAccess Lock is intended for indoor and outdoor applications.

The QuickAccess Lock can be ordered with just the Lock, with or without the mounting bracket, with or without the 90° or 180° stop cam, and with or without the straight cam (1-1/8" length) or offset cam (1-5/8" length, 5/16" offset). The variations depend on the type of cabinet or enclosure to which the lock is mounted.
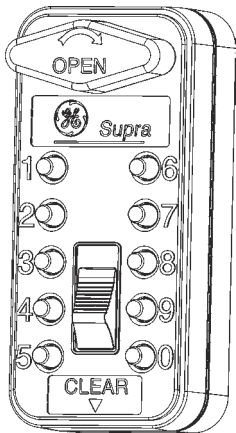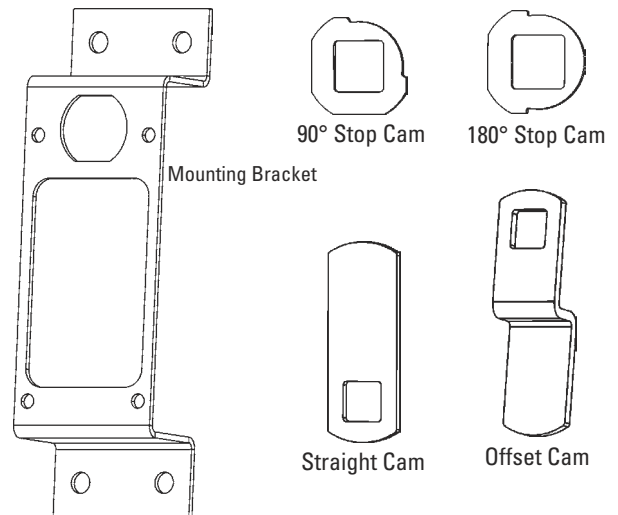

QuickAccess Lock

Mounting Hardware Provided:

- (1) #10-24 x 1/4" screw, combination drive
- (1) #10 flat washer
- (4) #6-32 x 5/16" thread rolling screws, T15 torx drive

Tools Needed/Recommended:

- Drill
- Hole saw or appropriate tool
- File
- Philips screwdriver
- T15 Torx driver
- Pen or pencil

Optional Mounting Hardware Available:

Mounting Bracket

90° Stop Cam   180° Stop Cam

Straight Cam   Offset Cam

Locking Cam   #10 Screw

Stop Cam   Washer

QuickAccess Lock Side View

I. Mounting Options:

The QuickAccess Lock can be oriented vertically or horizontally to permit a wide range of locking options.

The output shaft of the Lock is sized for a 3/4" Double-D lock mounting hole.

The QuickAccess Lock has two mounting options: flush mount and top mount. In the flush mount option, the front face of the Lock housing is aligned with the front face of the cabinet or enclosure. In the top mount, the back face of the Lock housing is aligned with the front face of the cabinet or enclosure.

The mounting of the Lock in each of these options is accomplished through the use of screws into bosses on the Lock housing, with the possible addition of sheet metal brackets for some mounting applications. Any mounting scheme should be designed such that the mounting fasteners cannot be removed or tampered with when the Lock is mounted and the cabinet or enclosure is closed and locked.
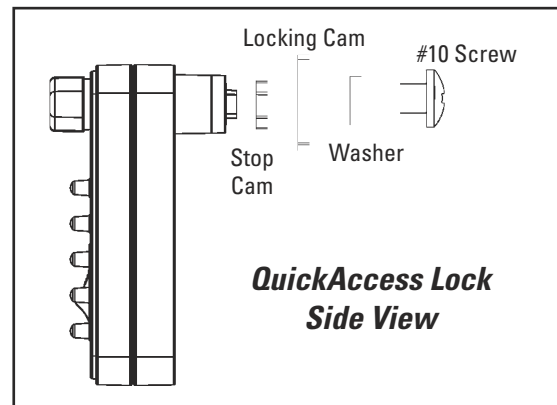
II. Mounting Instructions — Flush Mount Option:

Mounting the Lock using the flush mount option requires the use of a mounting bracket. The QuickAccess Lock can be ordered with a mounting bracket. The hardware for the mounting bracket must be supplied.

1. Use the recommended panel cutout to determine the dimensions and hole locations.
2. Place the Lock and mounting bracket in place and install the four #6-32 torx screws from the back of the cabinet door and tighten. If using automated assembly equipment, make sure the mounting screw torque is set to 15 in-lb.

   Note: The screws are designed to cut threads into the screw bosses as they are installed.
3. Attach the mounting bracket to the panel with fasteners through the four holes at the outer corners of the bracket.

4. Proceed to Cam Installation.

III. Mounting Instructions — Top Mount Option:

1. If the cabinet has an existing lock, remove the existing lock cylinder.
   Note: If the opening is too small for the QuickAccess lock, use a file to round out the lock tail hole.
2. If the cabinet does not have an existing lock, cut the hole for the locking mechanism.
3. Use the mounting template to mark the 4 corner holes to be drilled.
4. Drill the 4 corner holes.
5. Place the Lock in place and install the four screws from the back of the cabinet door and tighten.
6. Proceed to Cam Installation.

Lock with Bracket and Cam
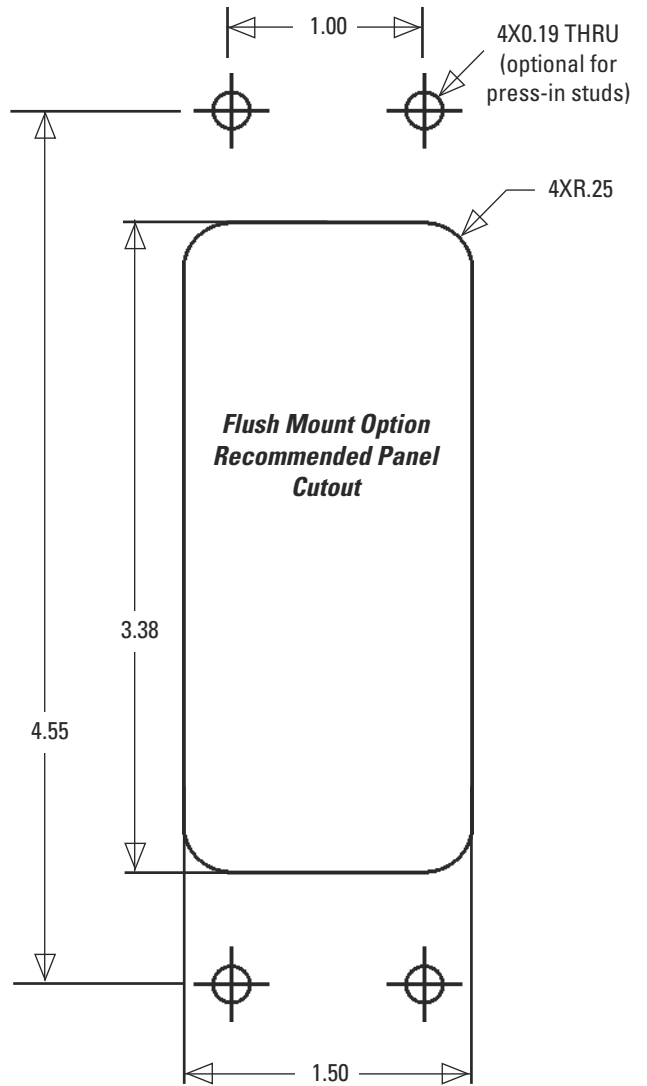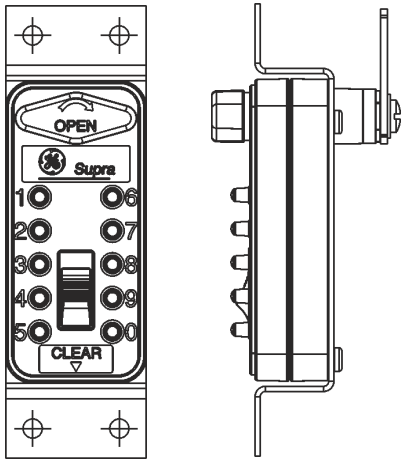
IV. Cam Installation

The Lock includes a camshaft with a square protrusion of approximately 5/16" width which fits the mounting hole in either the straight cam or offset cam. The camshaft has a female threaded hole in the end which accepts a #10-24 x 1/4" binding head screw to attach the cam to the camshaft.

The Lock is designed for use with industry-standard 90° and 180° stop cams which control the range of motion of the locking cam.

A stop cam must be used under any locking cam to ensure proper operation of the lock.

V. Clutch

The shaft running from the front of the Lock to the locking cam incorporates a clutch mechanism so the mechanism cannot be opened by forcibly rotating the Open lever without first entering the correct combination.

If the clutch becomes disengaged during the use of this product, simply rotate the open lever to its home position to reset the clutch.

VI. After Installation is Complete

Follow the QuickAccess Pushbutton Lock Instructions to set the combination for the Lock.

Flush Mount Option Recommended Panel Cutout

1.00

4X0.19 THRU (optional for press-in studs)

4XR.25

3.38

4.55

1.50

0.781

4x.0169

.067

.664

Top Mount Option Drill Hole Template

2.750

1.320