

GE Fanuc Automation
Operator Interface Products

QuickPanel™ View & QuickPanel Control **Stainless Steel Bezels**

Installation Guide, GFK-2392A

June 2006



Warnings, Cautions, and Notes as Used in this Publication

Warning

Warning notices are used in this publication to emphasize that hazardous voltages, currents, temperatures, or other conditions that could cause personal injury exist in this equipment or may be associated with its use.

In situations where inattention could cause either personal injury or damage to equipment, a Warning notice is used.

Caution

Caution notices are used where equipment might be damaged if care is not taken.

Note: Notes merely call attention to information that is especially significant to understanding and operating the equipment.

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Bezel Assembly Overview

The stainless steel bezel is installed on a QuickPanel View or QuickPanel Control operator interface to provide enhanced environmental resistance in harsh and corrosive industrial applications.

The QuickPanel unit is clamped to the stainless steel bezel by means of a bracket. A full size gasket seals the bezel to the QuickPanel unit and to the equipment panel. The bezel is secured to the panel by M5 threaded studs and nuts.

Bezel Assemblies

Bezel Assembly Part Number	QuickPanel Bezel Style	QuickPanel Models
IC754ACC06BEZ01	Rounded	6" Mono and TFT QuickPanel
IC754ACC06BEZ02	Rounded	6" STN QuickPanel models
IC754ACC06BEZ03	Flat*	6" Mono and TFT QuickPanel models
IC754ACC06BEZ04	Flat*	6" STN QuickPanel models

IC754ACC12BEZ01	Flat	12" Mono and TFT QuickPanel models
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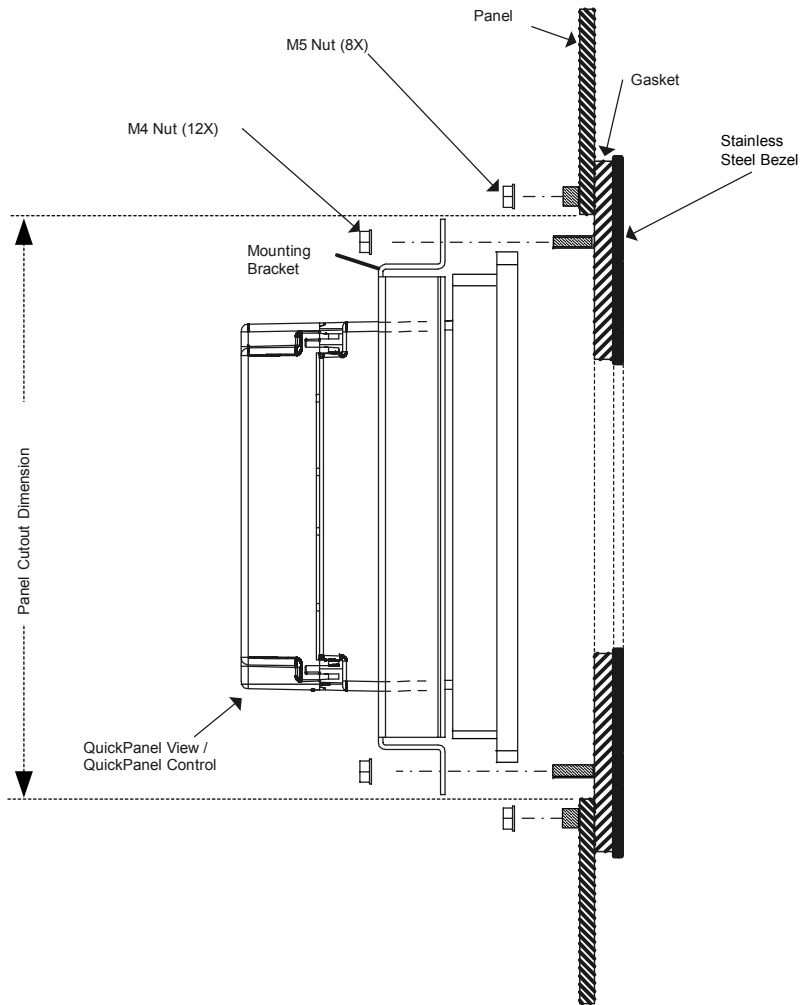
* These products are marketed and sold only in Europe, the Middle East, and Africa.

Contents of Bezel Assembly Kits

Component	Quantity
Stainless Steel Bezel	1
Gasket	1
Bracket	1
M4 Nuts	12
M5 Nuts	8 for 6" models 12 for 12" models

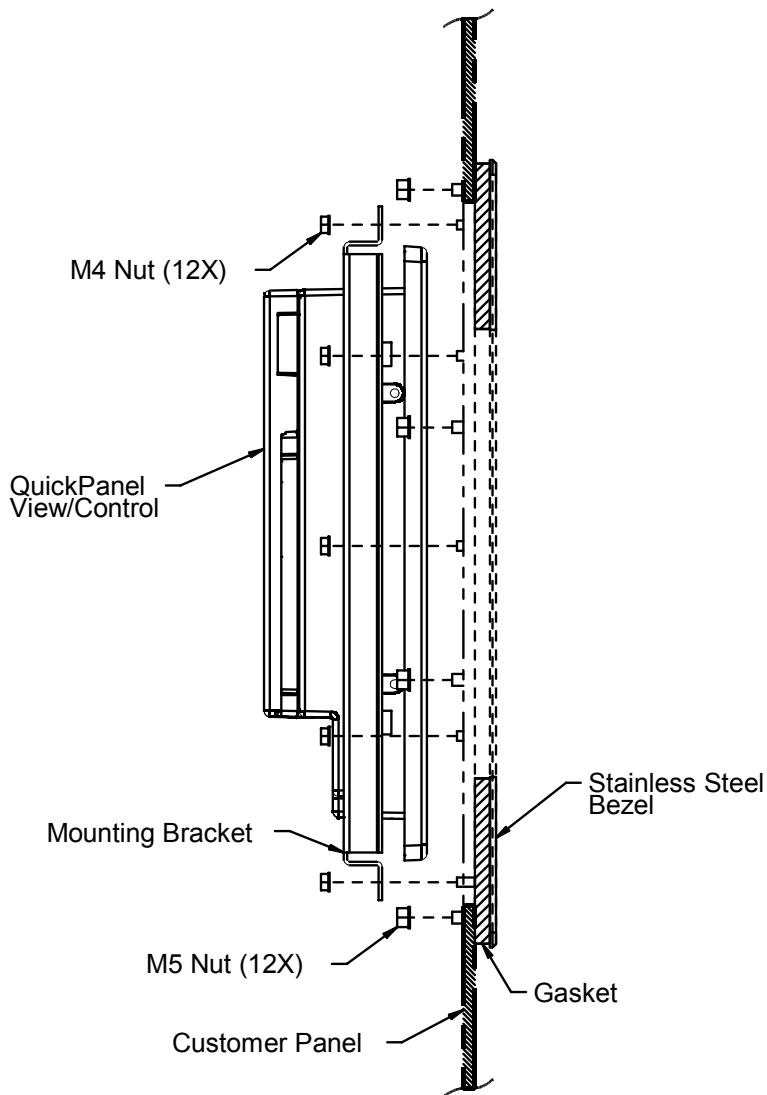
* The brackets provided with the rounded-style and the flat-style bezels are not interchangeable.

The following diagrams show the basic elements of the bezel assemblies.



Side View of 6" Bezel Assembly: IC754ACC06BEZ03, IC754ACC06BEZ04

Note: The figure above shows the assemblies IC754ACC06BEZ03, IC754ACC06BEZ04 for QuickPanels with flat bezels. Installation of bezel assemblies IC754ACC06BEZ01 and IC754ACC06BEZ02 for rounded QuickPanels is similar.



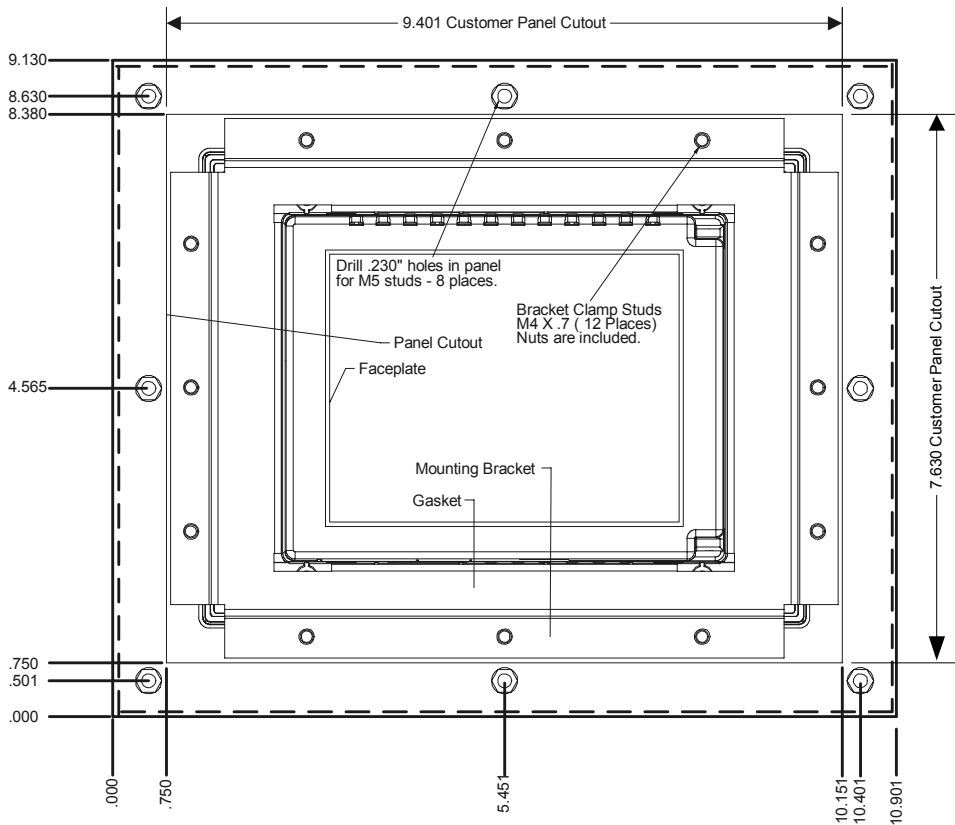
Side View of 12" Bezel Assemblies: IC754ACC12BEZ01

Panel Cutouts

Use the following dimension drawings to lay out and cut the opening in your panel. Mark and drill 0.23 diameter holes (#1 drill size) for securing the bezel to the panel. Note that the bracket fits inside the cutout.

Panel Cutout for 6" QuickPanel Products

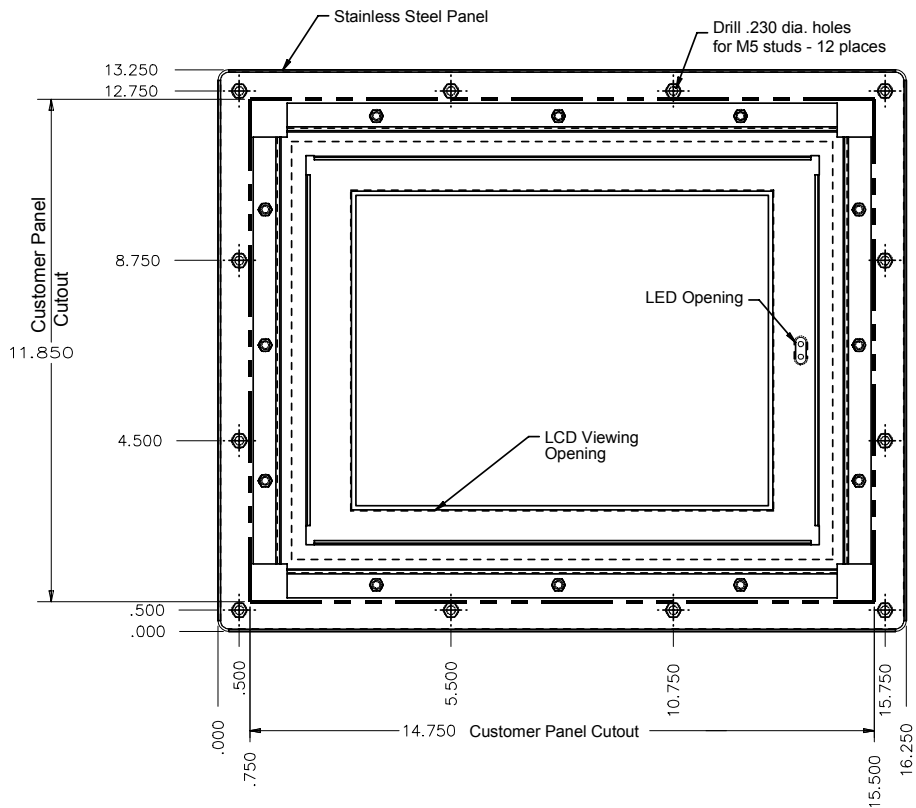
Cutout dimensions: 9.40 inches x 7.63 inches



Panel Cutout Dimensions for 6" QuickPanel Bezels (All Models, Rear View)

Panel Cutout for 12" QuickPanel Models

Cutout dimensions: 14.750 inches x 11.850 inches



Panel Cutout Dimensions for 12" QuickPanel Bezels (IC754ACC12BEZ01, Front View)

Installation Procedure

Caution

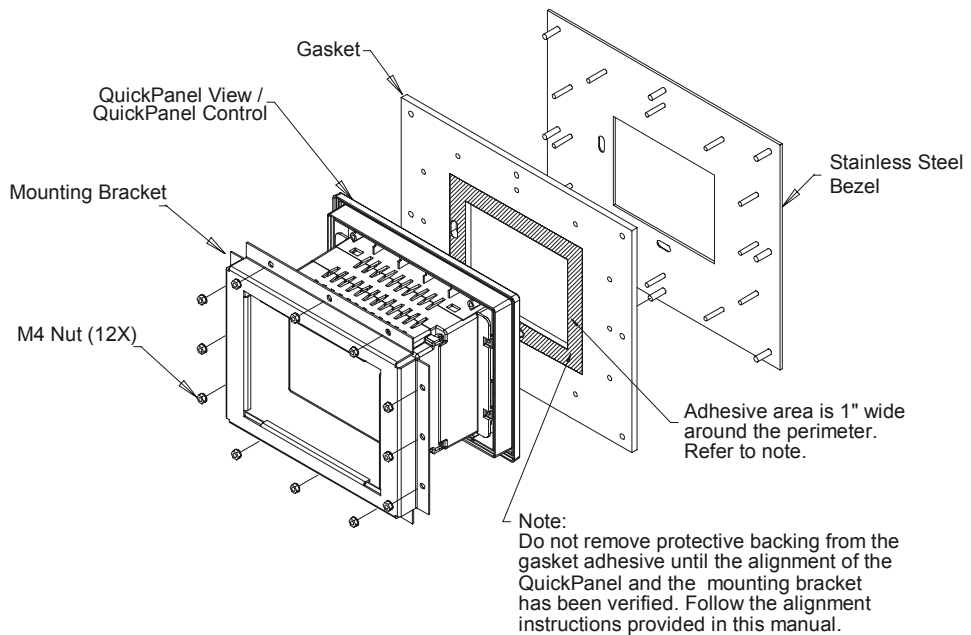
Due to the strength of the adhesive strips bordering the display opening, removing a misaligned QuickPanel is very difficult. To ensure proper alignment and orientation, it is necessary to test the fit of the QuickPanel and mounting bracket to the gasket before removing the protective backing from the adhesive strips.

1. Place the QuickPanel into the opening of the mounting bracket.
2. With the protective backing for the gasket adhesive still in place, and while holding the QuickPanel in the mounting bracket, align the bracket mounting holes with the panel studs. Press the QuickPanel and bracket over and down the panel studs until seated against the gasket.
3. Check the alignment of the LEDs and the display in the panel cutout.
4. Once alignment has been verified, lift the QuickPanel and the bracket together as one unit, maintaining the verified placement. The protective backing of the adhesive should now be visible and accessible.
5. Remove the protective backing completely from around the display opening.
6. Maintaining the correct placement, slide the QuickPanel and bracket down the panel studs together until seated firmly against the gasket adhesive.
7. Install an M4 nut on each mounting bracket stud. Tighten the M4 torque nuts to approximately 1.5-1.8 Nm (13-16 in-lbs). Nuts should be tightened to apply a uniform pressure of the QuickPanel to the gasket surface.

Caution

Do not overtighten the M4 nuts. Doing so can damage the module's front membrane.

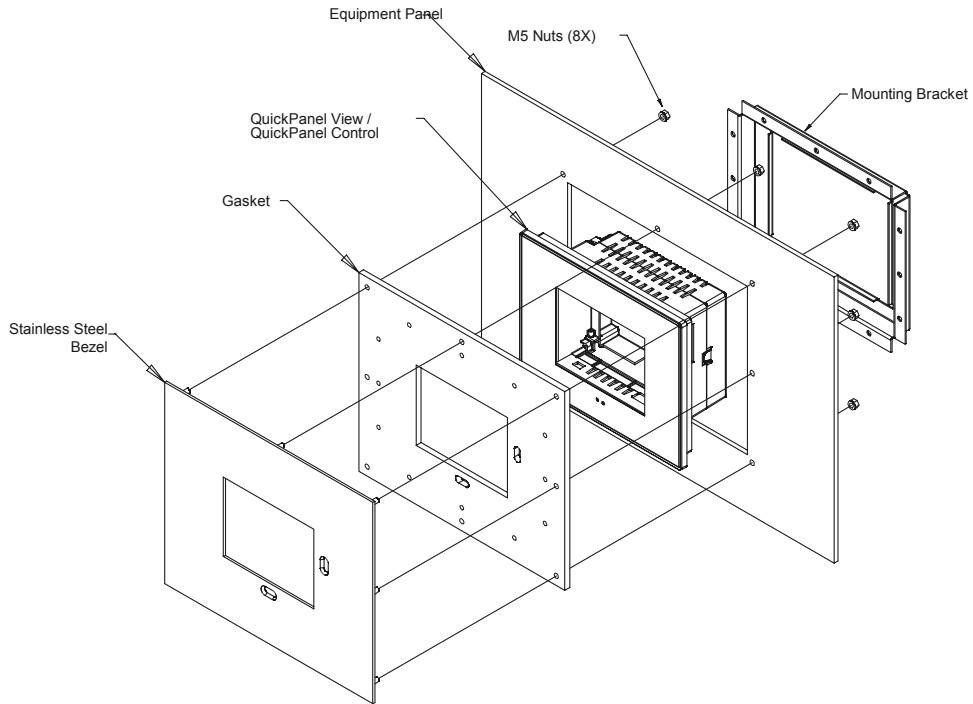
Note: If you remove the bezel assembly, it is recommended that you replace the gasket with a new one before re-installing the assembly. To order an accessory kit containing replacement faceplate gaskets, contact GE Fanuc Automation.



Installing the Bezel Assembly on the QuickPanel – 6" Model Shown

Note: Bezel installation for the 12" QuickPanels is similar to that for the 6" model, which is shown above. The dimensions and number of nuts required for installation are different for the larger models.

8. Insert the QuickPanel into the panel cutout and install the M5 nuts. Using a torque wrench, tighten the M5 nuts to approximately 2.5Nm.



Installing the QuickPanel with Bezel Assembly into the Equipment Panel – 6" Model Shown

Note: Installation for the 12" QuickPanels is similar to that for the 6" model, which is shown above.