



# Adapter Kit for PanelView 1200/1200e Touch Screen Terminal Cutout

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## About This Publication

This publication shows how to use the cutout adapter kit to mount the following terminals into an existing PanelView 1200/1200e touch screen terminal cutout.

- PanelView 1000/1000e touch screen
- PanelView Plus 1250 touch screen
- PanelView Plus CE 1250 touch screen
- RAC6182 12.1 in. touch screen

## Important User Information

Solid state equipment has operational characteristics differing from those of electromechanical equipment. Safety Guidelines for the Application, Installation and Maintenance of Solid State Controls (publication SGI-1.1 available from your local Rockwell Automation sales office or online at <http://literature.rockwellautomation.com>) describes some important differences between solid state equipment and hard-wired electromechanical devices. Because of this difference, and also because of the wide variety of uses for solid state equipment, all persons responsible for applying this equipment must satisfy themselves that each intended application of this equipment is acceptable.





In no event will Rockwell Automation, Inc. be responsible or liable for indirect or consequential damages resulting from the use or application of this equipment.

The examples and diagrams in this manual are included solely for illustrative purposes. Because of the many variables and requirements associated with any particular installation, Rockwell Automation, Inc. cannot assume responsibility or liability for actual use based on the examples and diagrams.

No patent liability is assumed by Rockwell Automation, Inc. with respect to use of information, circuits, equipment, or software described in this manual.

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Throughout this manual, when necessary, we use notes to make you aware of safety considerations.

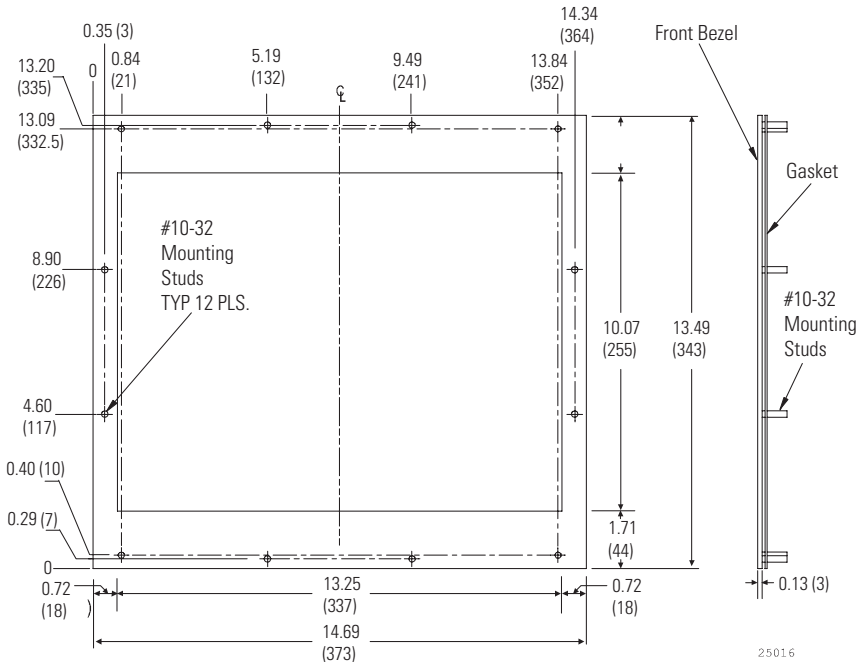
<p><b>WARNING</b></p> 	<p>Identifies information about practices or circumstances that can cause an explosion in a hazardous environment, which may lead to personal injury or death, property damage, or economic loss.</p>
<p><b>IMPORTANT</b></p>	<p>Identifies information that is critical for successful application and understanding of the product.</p>
<p><b>ATTENTION</b></p> 	<p>Identifies information about practices or circumstances that can lead to personal injury or death, property damage, or economic loss. Attentions help you to identify a hazard, avoid a hazard, and recognize the consequences.</p>
<p><b>SHOCK HAZARD</b></p> 	<p>Labels may be on or inside the equipment, for example, a drive or motor, to alert people that dangerous voltage may be present.</p>
<p><b>BURN HAZARD</b></p> 	<p>Labels may be on or inside the equipment, for example, a drive or motor, to alert people that surfaces may reach dangerous temperatures.</p>

## About the Cutout Adapter Plate

The cutout adapter plate is designed to fit into the existing cutout and stud-mounts for the PanelView 1200/1200e terminals with minor modifications. See the cutout assembly directions.

Dimensions are given in inches (mm).

### Front and Side Views



### Parts List

The cutout adapter kit includes:

- one touch screen cutout adapter plate with gasket and ball bearing spacers.
- 12, #10-32 nuts with flat washers.

#### TIP

The adapter plate cutout template for the new terminal is shipped with the new terminal and is not included in this kit.

## Required Tools

These items are required to install the cutout adapter plate.

- Center punch
- Scriber
- Hammer
- Power jig saw
- Power drill with 7/32 inch (6 mm) drill bit
- Socket driver with 3/8 inch socket
- Torque wrench capable of 1.1 Nm (10 lb-in)
- Metal file

To install the terminal, you need a slot or Phillips screwdriver.

## Disconnect Power to the Terminal

Follow these steps to make sure that the power has been removed to the terminal.

1. Disconnect power at the source and remove the power cord from the PanelView 1200/1200e terminal.
2. Disconnect all communication cables from the terminal.

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### ATTENTION



Make sure that the power cord of the terminal is disconnected, and that all cables have been disconnected from the rear of the terminal.

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## Remove the Existing Terminal from the Panel

Follow these steps to remove the terminal from the panel.

1. Remove the mounting clips or nuts and washers that secure the PanelView 1200/1200e terminal to the panel.
2. Slide the terminal out from the panel.

## Attach the Cutout Adapter Plate to the Panel

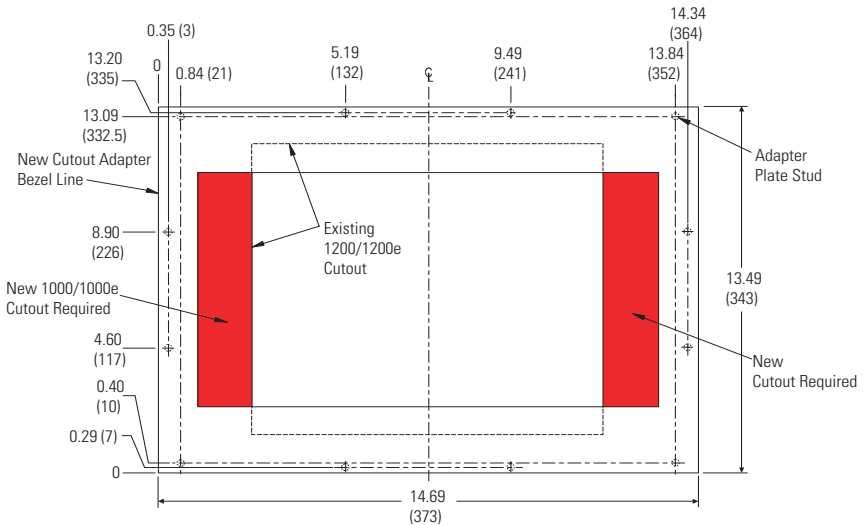
Follow these steps to attach the cutout adapter plate to the panel.

1. Align the cutout adapter template to the desired position.

### IMPORTANT

The cutout adapter plate for the new terminal does not fit exactly over the existing PanelView 1200/1200e terminal cutout and stud-mounts. The new terminal is wider than the 1200/1200e terminal and requires a greater width in the panel, so modifications are required. Determine how the new terminal is to be placed: side left, side right, or centered.

Dimensions are given in inches (mm).



2. Using the cutout adapter template, mark the cutout areas that require cutting, and where required, mark additional stud holes.
3. Cut the excess material from the sides of the existing PanelView 1200/1200e terminal cutout and file clean the new cutout edges.
4. If required, drill the additional 7/32 inch holes for the cutout adapter studs.
5. Push the cutout adapter plate onto the panel until the gasket material is flush with the front of the panel.

- Using the 12 nuts with flat and lock washers, fasten the cutout adapter plate to the panel.

Tighten the washers until the gasket is slightly compressed against the front of the panel.

- Using the torque wrench, tighten the nuts to not more than 1.1 Nm (10 lb-in) to maintain the NEMA Type 4X rating.

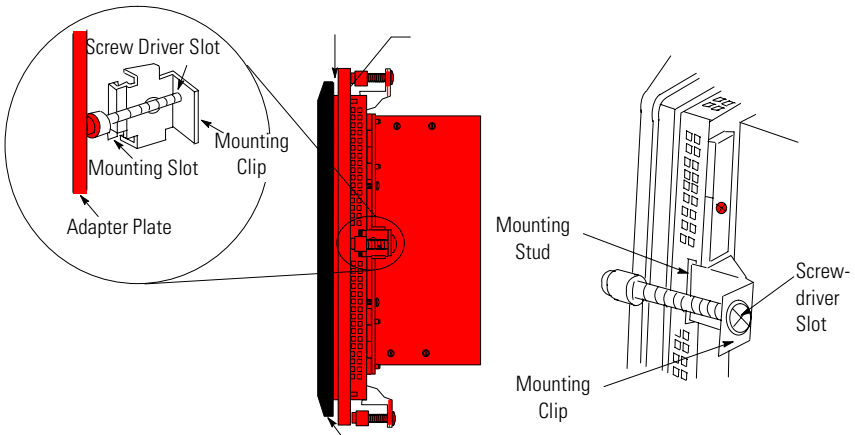
Do not overtighten.

## Mount the New Terminal in the Cutout Adapter Plate

Follow these steps to mount the new terminal into the cutout adapter plate.

- Insert the new terminal into the adapter plate cutout until the terminal gasket is flush with the front of the adapter plate.
- Install the six mounting clips according to the installation instructions provided with the new terminal.

The ends of the clips slide into the slots on the terminal.



- Tighten the screws on the mounting clips by hand until the gasket seal contacts the mounting surface uniformly.
- Using the torque wrench, tighten the screws on the mounting clips to the specified torque rating provided in the installation instructions of the new terminal.

Do not overtighten.

**ATTENTION**



Tighten the mounting clips to the specified torque to provide a proper seal and to prevent potential damage to the product. Allen-Bradley assumes no responsibility for water or chemical damage to the product or other equipment within the enclosure because of improper installation.

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The new terminal is now ready for operation.

## **Additional Resources**

You can view or download publications at <http://literature.rockwellautomation.com>. To order paper copies of technical documentation, contact your local Rockwell Automation distributor or sales representative.

# Rockwell Automation Support

Rockwell Automation provides technical information on the Web to assist you in using its products. At <http://support.rockwellautomation.com>, you can find technical manuals, a knowledge base of FAQs, technical and application notes, sample code and links to software service packs, and a MySupport feature that you can customize to make the best use of these tools.

For an additional level of technical phone support for installation, configuration, and troubleshooting, we offer TechConnect Support programs. For more information, contact your local distributor or Rockwell Automation representative, or visit <http://support.rockwellautomation.com>.

## Installation Assistance

If you experience a problem with a hardware module within the first 24 hours of installation, please review the information that's contained in this manual. You can also contact a special Customer Support number for initial help in getting your module up and running.

United States	1.440.646.3434 Monday – Friday, 8am – 5pm EST
Outside United States	Please contact your local Rockwell Automation representative for any technical support issues.

## New Product Satisfaction Return

Rockwell tests all of its products to ensure that they are fully operational when shipped from the manufacturing facility. However, if your product is not functioning, it may need to be returned.

United States	Contact your distributor. You must provide a Customer Support case number (see phone number above to obtain one) to your distributor in order to complete the return process.
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