

Required Tools

These tools are required for panel installation:

- Panel cutout tools
- Small, slotted screwdriver
- Torque wrench (lb•in) for tightening the mounting clips on the PanelView Plus 700 to 1500 and PanelView Plus CE terminals

Clearances

Allow adequate clearance around the terminal, inside the enclosure, for adequate ventilation. Consider heat produced by other devices in the enclosure. The ambient temperature around the terminals must be between 0...55 °C (32...131 °F).

Clearance Area	400 and 600 Terminals	700 to 1500 Terminals
Top	51 mm (2 in.)	51 mm (2 in.)
Bottom	102 mm (4 in.)	51 mm (2 in.)
Side ⁽¹⁾	25 mm (1 in.)	25 mm (1 in.)
Back	None	25 mm (1 in.)

⁽¹⁾ Minimum side clearance for insertion of memory card and cable wiring is 102 mm (4 in.).

Cutout Dimensions

Use the full size template shipped with your terminal to mark the cutout dimensions.

Terminal Type	Height mm (in.)	Width mm (in.)
PanelView Plus 400 and 600 Terminals		
400 Keypad or Keypad and Touch	123 (4.86)	156 (6.15)
600 Keypad or Keypad and Touch	142 (5.61)	241 (9.50)
600 Touch	123 (4.86)	156 (6.15)
PanelView Plus and PanelView Plus CE 700 to 1500 Terminals		
700 Keypad or Keypad and Touch	167 (6.57)	264 (10.39)
700 Touch	154 (6.08)	220 (8.67)
1000 Keypad or Keypad and Touch	224 (8.8)	375 (14.75)
1000 Touch	224 (8.8)	305 (12.00)
1250 Keypad or Keypad and Touch	257 (10.11)	390 (15.35)
1250 Touch and 1250 High-bright Touch	257 (10.11)	338 (13.29)
1500 Keypad or Keypad and Touch	305 (12.00)	419 (16.50)
1500 Touch	305 (12.00)	391 (15.40)

Mount the 400 or 600 Terminal in a Panel

Mounting levers secure the terminal to the panel. The number of levers you use (4 or 6) varies by terminal type.

ATTENTION



Disconnect all electrical power from the panel before making the panel cutout.

Make sure the area around the panel cutout is clear.

Take precautions so metal cuttings do not enter any components already installed in the panel.

Failure to follow these warnings may result in personal injury or damage to panel components.

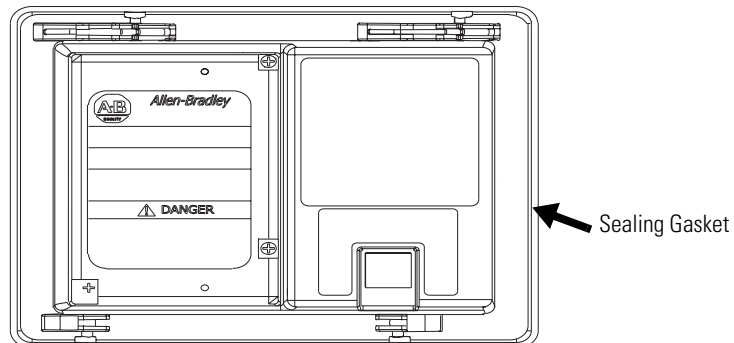
Follow these steps to mount the 400 or 600 terminals in a panel.

1. Cut an opening in the panel by using the panel cutout shipped with the terminal.
2. If a communication module is ordered separately, attach the module to the base unit before panel installation.

Refer to the instructions shipped with module.

3. Make sure the terminal sealing gasket is properly positioned on the terminal.

This gasket forms a compression-type seal. Do not use sealing compounds.



4. Install legend strips before installing the terminal if you are using keypad legend strips on a 600 keypad terminal.

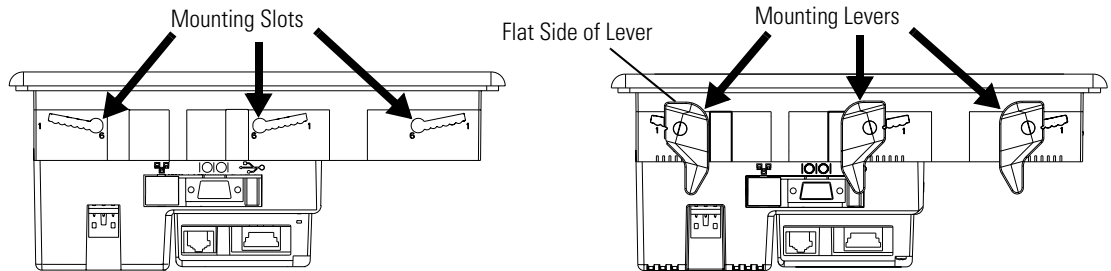
Be careful not to pinch legend strip during installation.

5. Place the terminal in the panel cutout.

If installing the terminal in an existing 550 panel cutout, align the terminal with the center of the cutout for best gasket sealing.

6. Insert all mounting levers into the mounting slots on the terminal.

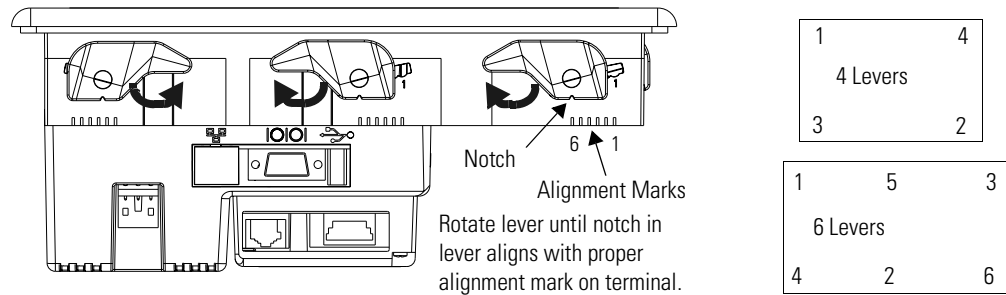
Slide each lever until the flat side of the lever touches the surface of the panel.



7. When all levers are in place, slide each lever an additional notch or two until you hear a click.

8. Rotate each lever in the direction indicated until it is in the final latch position.

Follow the latching sequence for the optimum terminal fit.



Use this table as a guide to provide an adequate gasket seal between the terminal and the panel.

	Lever Position	Panel Thickness Range	Typical Gauge
<p>Terminal Markings</p>	1	1.5...2.01 mm (0.060...0.079 in.)	16
	2	2.03...2.64 mm (0.08...0.104 in.)	14
	3	2.67...3.15 mm (0.105...0.124 in.)	12
	4	3.17...3.66 mm (0.125...0.144 in.)	10
	5	3.68...4.16 mm (0.145...0.164 in.)	8/9
	6	4.19...4.75 mm (0.165...0.187 in.)	7

ATTENTION



Follow instructions to provide a proper seal and to prevent potential damage to the product. Rockwell Automation assumes no responsibility for water or chemical damage to the terminal or other equipment within the enclosure because of improper installation.

Mount the 700 to 1500 Terminal in a Panel

Mounting clips secure the terminal to the panel. The number of clips you use (4, 6, or 8) varies by terminal type.

ATTENTION



Disconnect all electrical power from the panel before making the panel cutout.

Make sure the area around the panel cutout is clear.

Take precautions so metal cuttings do not enter any components already installed in the panel.

Failure to follow these warnings may result in personal injury or damage to panel components.

Follow these steps to mount a 700 to 1500 terminal in a panel.

1. Cut an opening in the panel by using the panel cutout shipped with the terminal.
2. Make sure the terminal sealing gasket is properly positioned on the terminal.

This gasket forms a compression-type seal. Do not use sealing compounds.

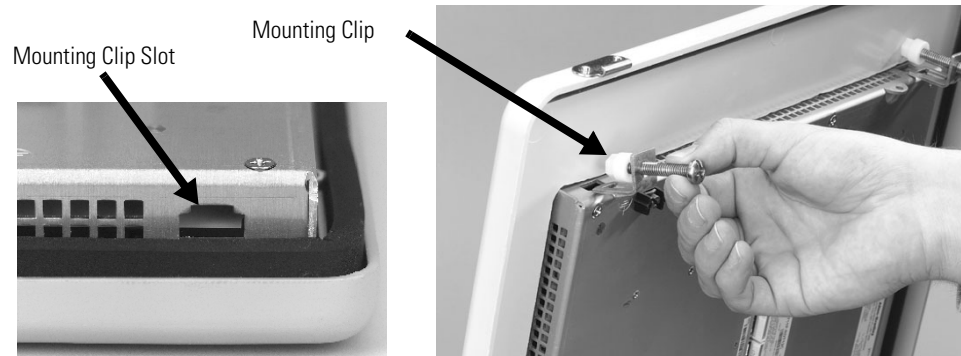


3. Install the legend strips before installing the terminal if you are using keypad legend strips on keypad terminals.

Be careful not to pinch the legend strip during installation.

4. Place the terminal in the panel cutout.

- Slide the ends of the mounting clips into the slots on the terminal.



- Tighten the mounting clip screws by hand until the gasket seal contacts the mounting surface uniformly.



- Tighten the mounting clips screws to a torque of 0.90...1.1 Nm (8...10 lb•in) by using the specified sequence, making sure not to overtighten.

1	4
Torque Sequence for 4 Clips	
3	2

1	5	3
Torque Sequence for 6 Clips		
4	2	6

	1	6	
3	Torque Sequence for 8 Clips		8
7			4
	5	2	

ATTENTION



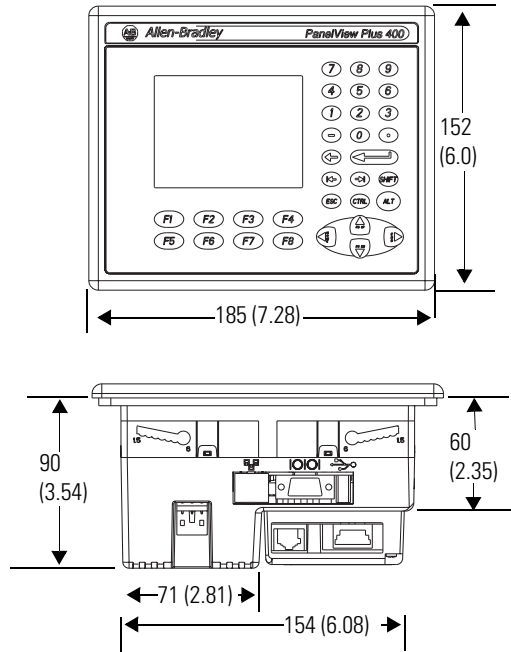
Tighten the mounting clips to the specified torque to provide a proper seal and to prevent damage to the product. Allen-Bradley assumes no responsibility for water or chemical damage to the product or other equipment within the enclosure because of improper installation.

Product Dimensions

Product dimensions for each terminal are in mm (in.).

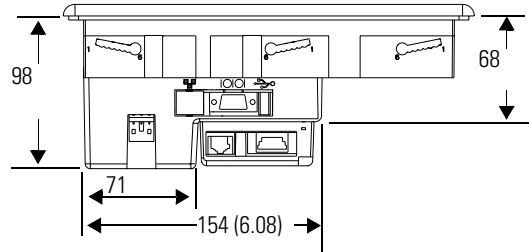
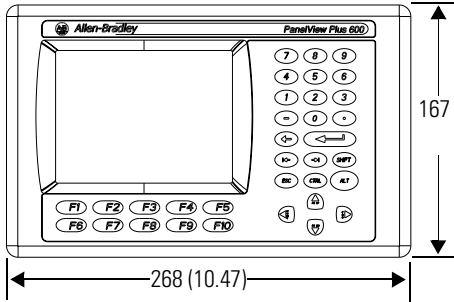
PanelView Plus 400 Dimensions

400 Keypad or Keypad/Touch Terminal

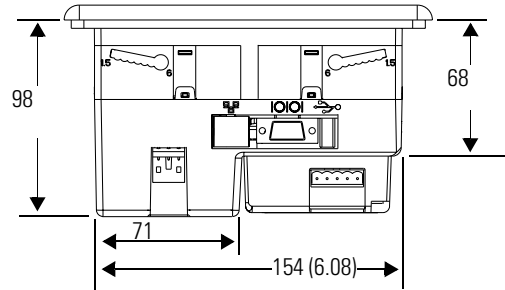
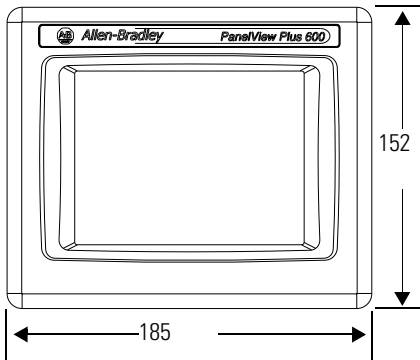


PanelView Plus 600 Dimensions

600 Keypad or Keypad/Touch Terminal



600 Touch Terminal

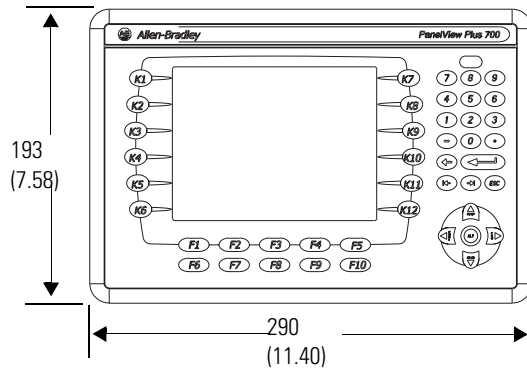


The depth dimensions are shown for:

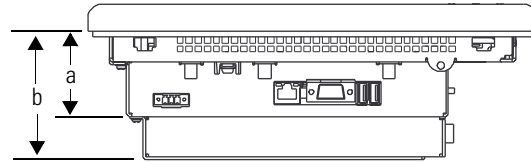
- base-configured unit (display module and logic module).
- base-configured unit with communication module.

PanelView Plus and PanelView Plus CE 700 Dimensions

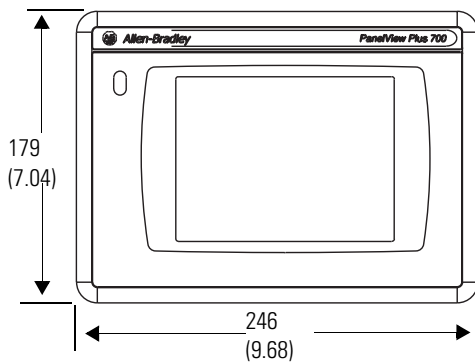
700 Keypad or Keypad/Touch Terminal



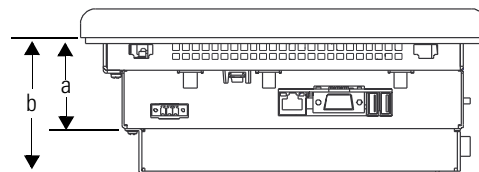
a 55 (2.18) Display to Logic Module



700 Touch Screen Terminal



a 55 (2.18) Display to Logic Module
b 83 (3.27) Display to Communication Module

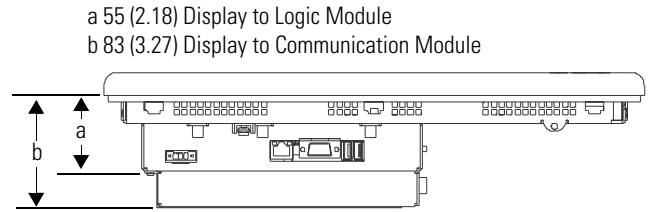
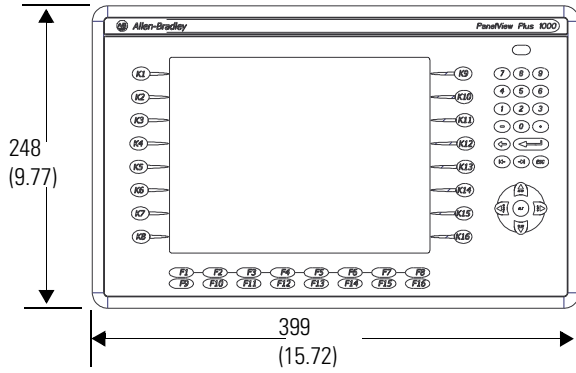


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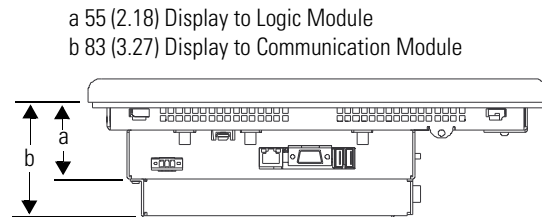
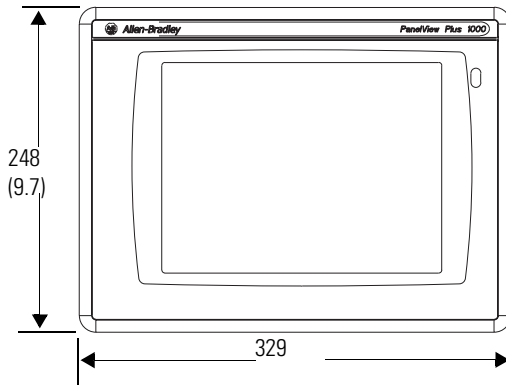
- base-configured unit (display module and logic module).
- base-configured unit with communication module.

PanelView Plus and PanelView Plus CE 1000 Dimensions

1000 Keypad or Keypad/Touch Terminal



1000 Touch Screen Terminal

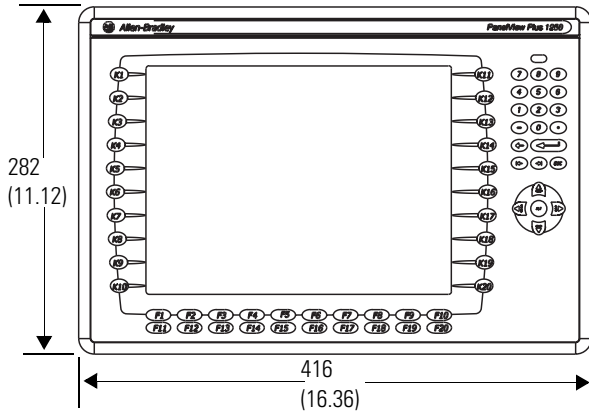


The depth dimensions are shown for:

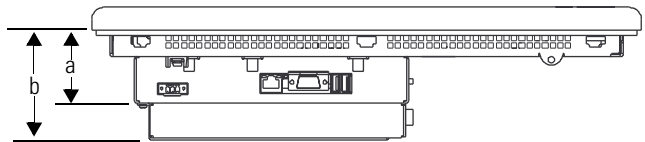
- base-configured unit (display module and logic module).
- base-configured unit with communication module.

PanelView Plus and PanelView Plus CE 1250 Dimensions

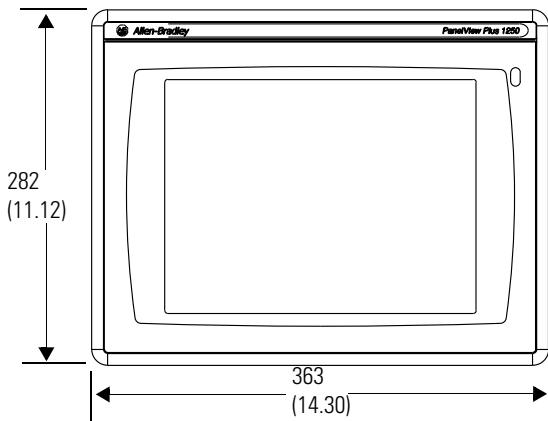
1250 Keypad or Keypad/Touch Terminal



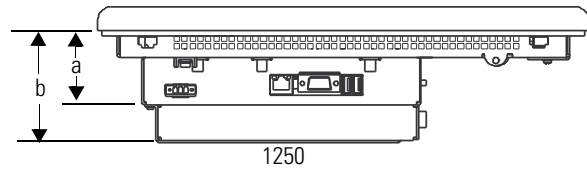
a 55 (2.18) Display to Logic Module
 b 83 (3.27) Display to Communication Module



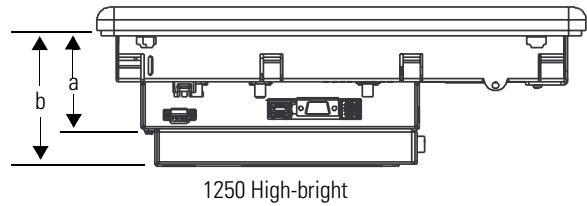
1250 Touch Screen Terminal



a 55 (2.18) Display to Logic Module
 b 83 (3.27) Display to Communication Module



a 74 (2.90) Display to Logic Module
 b 101 (3.99) Display to Communication Module

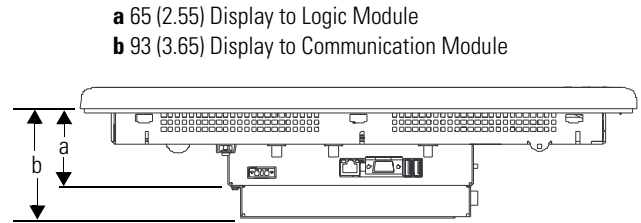
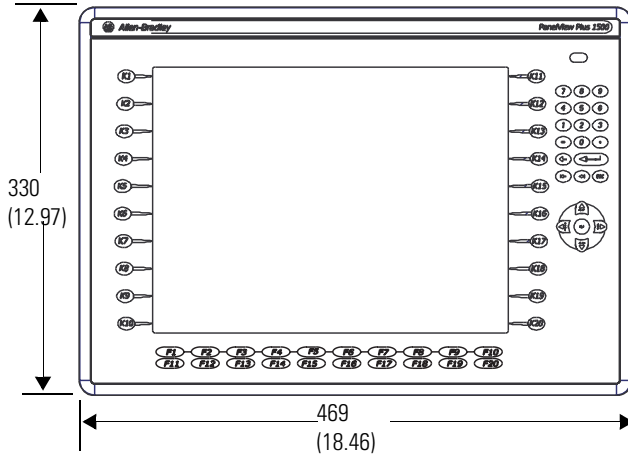


The depth dimensions are shown for:

- base-configured unit (display module and logic module).
- base-configured unit with communication module.

PanelView Plus and PanelView Plus CE 1500 Dimensions

1500 Keypad or Keypad/Touch Terminal



1500 Touch Screen Terminal

