

700 to 1500 Terminal Selections

The table shows the catalog number breakdown for the 700 to 1500 terminals.

Bulletin	Input Type	Display Size	Display Type	Communication ⁽¹⁾	Power	Operating System	Special Option
2711P-	K = Keypad T = Touch B = Keypad/Touch	7 = 6.5 in. 10 = 10.4 in. 12 = 12.1 in. 15 = 15 in.	C = Color	4 = Ethernet, RS-232 & (2) USB	A = AC D = DC	8 = Windows CE 6.0 9 = Windows CE 6.0 with extended features	K = Conformal-Coated

(1) Optional communication modules are available as separate catalog numbers.

Table 13 - PanelView Plus 6 - 700 to 1500 Terminals without Extended Features

Cat. No.			Display		Communication		Input Power	Memory (MB) ⁽¹⁾	
Keypad	Touch	Keypad/Touch	Size	Type	RS-232	Ethernet		RAM	Nonvolatile
700 Model									
2711P-K7C4D8	2711P-T7C4D8	2711P-B7C4D8	6.5-in.	Color	•	•	DC	512	512 (approx. 79 MB free user memory)
—	2711P-T7C4D8K	—			•	•	DC		
2711P-K7C4A8	2711P-T7C4A8	2711P-B7C4A8			•	•	AC		
1000 Model									
2711P-K10C4D8	2711P-T10C4D8	2711P-B10C4D8	10.4-in.	Color	•	•	DC	512	512 (approx. 79 MB free user memory)
2711P-K10C4A8	2711P-T10C4A8	2711P-B10C4A8			•	•	AC		
1250 Model									
2711P-K12C4D8	2711P-T12C4D8	2711P-B12C4D8	12.1-in.	Color	•	•	DC	512	512 (approx. 79 MB free user memory)
—	2711P-T12C4D8K	—			•	•	DC		
2711P-K12C4A8	2711P-T12C4A8	2711P-B12C4A8			•	•	AC		
1500 Model									
2711P-K15C4D8	2711P-T15C4D8	2711P-B15C4D8	15-in.	Color	•	•	DC	512	512 (approx. 79 MB free user memory)
2711P-K15C4A8	2711P-T15C4A8	2711P-B15C4A8			•	•	AC		

(1) The logic module supports FactoryTalk View Machine Edition software, version 6.0 or later, FactoryTalk ViewPoint software version 1.2 or later, and the Windows CE 6.0 operating system.

Install Terminal

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ATTENTION: Environment and Enclosure

This equipment is intended for use in a Pollution Degree 2 industrial environment, in overvoltage Category II applications (as defined in IEC 60664-1), at altitudes up to 2000 m (6561 ft) without derating.

The terminals are intended for use with programmable logic controllers. Terminals that are AC powered must be connected to the secondary of an isolating transformer.

This equipment is considered Group 1, Class A industrial equipment according to IEC CISPR 11. Without appropriate precautions, there may be difficulties with electromagnetic compatibility in residential and other environments due to conducted or radiated disturbances.

Korean Radio Wave Suitability Registration - When so marked this equipment is registered for Electromagnetic Conformity Registration as business equipment (A), not home equipment. Sellers or users are required to take caution in this regard.

This equipment is supplied as open-type equipment. It must be mounted within an enclosure that is suitably designed for those specific environmental conditions that will be present and appropriately designed to prevent personal injury resulting from accessibility to live parts. The interior of the enclosure must be accessible only by the use of a tool. The terminals meet specified NEMA, UL type, and IEC ratings only when mounted in a panel or enclosure with the equivalent rating. Subsequent sections of this publication may contain additional information regarding specific enclosure type ratings that are required to comply with certain product safety certifications.

In addition to this publication, see the following:

- Industrial Automation Wiring and Grounding Guidelines, publication [1770-4.1](#), for additional installation requirements
- NEMA Standards 250 and IEC 60529, as applicable, for explanations of the degrees of protection provided by different types of enclosure

Mounting Clearances

Plan for adequate space around the terminal, inside the enclosure, for ventilation and connections. Consider heat produced by other devices in the enclosure. The ambient temperature around the terminal must be 0...55 °C (32...131 °F).

Table 31 - Minimum Required Clearances

Product Area	Minimum Clearance
Top	51 mm (2 in.)
Bottom	102 mm (4 in.)
Side	25 mm (1 in.)
Back	0 mm (0 in.)

A clearance of 102 mm (4 in.) is sufficient on the side of the terminal to insert and remove an SD card, and on the bottom of terminal for connections.

Panel Guidelines

The terminals are panel-mounted devices intended to mount in the door or wall of a NEMA rated, UL Type rated, or IP rated enclosure:

- Supporting panels must have a mounting thickness of 1.5...4.8 mm (0.060...0.188 in.).
- The material strength and stiffness of the panel must be sufficient to hold the terminal and maintain an appropriate seal against water and dust.
- The panel surface must be flat and free of imperfections to maintain an adequate seal and NEMA and UL Type ratings.

Panel Cutout Dimensions

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

Table 32 - Panel Cutout Dimensions

Terminal	Input Type	Height, mm (in.)	Width, mm (in.)
400	Keypad or keypad/touch	123 (4.86)	156 (6.15)
600	Keypad or keypad/touch	142 (5.61)	241 (9.50)
	Touch	123 (4.86)	156 (6.15)
700	Keypad or keypad/touch	167 (6.57)	264 (10.39)
	Touch	154 (6.08)	220 (8.67)
1000	Keypad or keypad/touch	224 (8.8)	375 (14.75)
	Touch	224 (8.8)	305 (12.00)
1250	Keypad or keypad/touch	257 (10.11)	390 (15.35)
	Touch ⁽¹⁾	257 (10.11)	338 (13.29)
1500	Keypad or keypad/touch	305 (12.00)	419 (16.50)
	Touch	305 (12.00)	391 (15.40)

(1) Also applies to high-bright display module, cat. no. 2711P-RDT12H.

The 700 to 1500 terminals look similar. The 1000 keypad and keypad/touch terminals are shown for illustrative purposes.

Figure 8 - PanelView Plus 6 - 1000 Keypad, Keypad/Touch, Touch

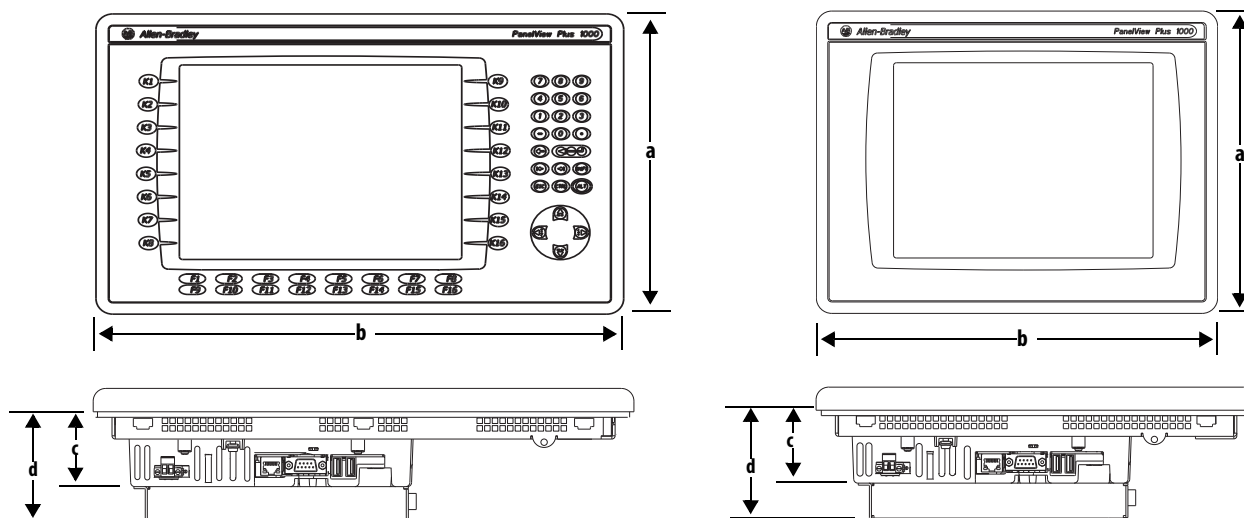


Table 34 - PanelView Plus 6 - 700 to 1500 Terminal Dimensions

Terminal	Input Type	Height (a) mm (in.)	Width (b) mm (in.)	Depth (c) Display to Logic Module mm (in.)	Depth (d) Display to Comm Module mm (in.)
700	Keypad or keypad/touch	193 (7.58)	290 (11.40)	55 (2.18)	83 (3.27)
	Touch	179 (7.04)	246 (9.68)	55 (2.18)	83 (3.27)
1000	Keypad or keypad/touch	248 (9.77)	399 (15.72)	55 (2.18)	83 (3.27)
	Touch	248 (9.77)	329 (12.97)	55 (2.18)	83 (3.27)
1250	Keypad or keypad/touch	282 (11.12)	416 (16.36)	55 (2.18)	83 (3.27)
	Touch	282 (11.12)	363 (14.30)	55 (2.18)	83 (3.27)
	Touch (high-bright module)	282 (11.12)	363 (14.30)	74 (2.9)	101 (3.99)
1500	Keypad or keypad/touch	330 (12.97)	469 (18.46)	65 (2.55)	93 (3.65)
	Touch	330 (12.97)	416 (16.37)	65 (2.55)	93 (3.65)