

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

ALLEN-BRADLEY PANELVIEW

2711P-RDK10C

PANELVIEW PLUS DISPLAY MODULE

Used with the applicable PanelView Plus 1000 terminals configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Rockwell Automation PanelView Plus Terminals User Manual, publication 2711P-UM001K-EN-P

Catalog Number Configuration The table shows the catalog number explanation for configured versions of the PanelView Plus and PanelView Plus CE terminals. Not all combinations of options are available for sale.

	Input Type	Display Size	Display Type	Communication ⁽¹⁾	Power	Logic Module with Flash and RAM Memory ⁽²⁾	Special Option ⁽²⁾
2711P-	K = Keypad	4 = 3.5 in.	C = Color	PanelView Plus 400 and 600	A = AC	1 = Logic Module 64 MB	K = Conformal-Coated ⁽³⁾
	T = Touch	6 = 5.5 in.	M = Grayscale	5 = RS-232 & USB	D = DC	2 = Logic Module 128 MB	M = Marine Certified
	B = Keypad/Touch	7 = 6.5 in.		20 = Ethernet, RS-232 & USB plus Communication Module Interface		6 = CE Logic Module with 128 MB	
		10 = 10.4 in.				7 = CE Logic Module with 256 MB	
		12 = 12.1 in.		PanelView Plus 700 to 1500			
		15 = 15 in.		4 = Ethernet, RS-232 & (2) USB			

⁽¹⁾ Additional communication options are available and listed on page 23 in the following section.

⁽²⁾ Applies to PanelView Plus 700 to 1500 terminals only.

⁽³⁾ Applies to PanelView Plus 700 and 1250 terminals only.

PanelView Plus Product Components

Components are available as separate catalog numbers for field installation or replacement.

Display Modules (700 to 1500 only)

Cat. No.	Description
2711P-RDK7C	700 keypad color display
2711P-RDT7C	700 touch color display
2711P-RDT7CM	700 touch color display, marine certified
2711P-RDB7C	700 keypad and touch color display
2711P-RDB7CM	700 keypad and touch color display, marine certified
2711P-RDT7CK	Conformal-coated 700 touch color display
2711P-RDK10C	1000 keypad color display
2711P-RDT10C	1000 touch color display
2711P-RDT10CM	1000 touch display, marine certified
2711P-RDB10C	1000 keypad and touch color display
2711P-RDB10CM	1000 keypad and touch display, marine certified
2711P-RDK12C	1250 keypad color display
2711P-RDT12C	1250 touch color display
2711P-RDT12AG	1250 touch color display with antiglare overlay
2711P-RDT12CK	Conformal-coated 1250 touch color display
2711P-RDT12H	1250 high-bright touch color display
2711P-RDB12C	1250 keypad and touch color display
2711P-RDK15C	1500 keypad color display

Display Modules (700 to 1500 only)

Cat. No.	Description
2711P-RDT15C	1500 touch color display
2711P-RDT15AG	1500 touch color display with antiglare overlay
2711P-RDB15C	1500 keypad and touch color display

Logic Modules (700 to 1500 only)

Cat. No.	Description
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Standard Logic Modules for PanelView Plus Terminals

2711P-RP	Logic module without flash/RAM memory, DC input
2711P-RPD	Logic module, without memory, isolated DC input, marine certified
2711P-RPA	Logic module without flash/RAM memory, AC input, marine certified
2711P-RP1	Logic module with 64 MB flash/64 MB RAM, DC input
2711P-RP1A	Logic module with 64 MB flash/64 MB RAM, AC input, marine certified
2711P-RP1D	Logic module with 64MB, isolated DC input, marine certified
2711P-RP2	Logic module with 128 MB flash/128 MB RAM, DC input ⁽¹⁾
2711P-RP2A	Logic module with 128 MB flash/128 MB RAM, AC input, marine certified ⁽¹⁾
2711P-RP2D	Logic module with 128MB, isolated DC input, marine certified ⁽¹⁾
2711P-RP2DK	Conformal-coated logic module with 128MB, isolated DC input ⁽¹⁾
2711P-RP2K	Conformal-coated logic module with 128 MB flash/128 MB RAM, DC input ⁽¹⁾
2711P-RP3	Logic module with 256 MB flash/256 MB RAM, DC input ⁽¹⁾
2711P-RP3A	Logic module with 256 MB flash/256 MB RAM, AC input, marine certified ⁽¹⁾
2711P-RP3D	Logic module with 256MB, isolated DC input, marine certified ⁽¹⁾

CE Logic Modules for PanelView Plus CE Terminals

2711P-RP6	CE logic module with 128 MB flash/128 MB RAM, DC input ⁽¹⁾
2711P-RP6A	CE logic module with 128 MB flash/128 MB RAM, AC input, marine certified ⁽¹⁾
2711P-RP6D	CE logic module with 128MB, isolated DC input, marine certified ⁽¹⁾
2711P-RP6DK	CE conformal-coated logic module with 128MB, isolated DC input ⁽¹⁾
2711P-RP6K	CE conformal-coated logic module with 128 MB flash/128 MB RAM, DC input ⁽¹⁾
2711P-RP7	CE logic module with 256 MB flash/256 MB RAM, DC input ⁽¹⁾
2711P-RP7A	CE logic module with 256 MB flash/256 MB RAM, AC input, marine certified ⁽¹⁾
2711P-RP7D	CE logic module with 256 MB, isolated DC input, marine certified ⁽¹⁾

⁽¹⁾ Compatible with ViewPoint Software.

Environment and Enclosure

ATTENTION

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. Terminals that are DC Class 2 powered may be supplied from an isolated DC source when used with the indicated fuse kit.

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

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 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:

- 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.

For more enclosure and certification information, refer to the PanelView Plus/PanelView Plus CE Outdoor High-bright Display Modules Installation Instructions, publication [2711P-IN026](#).

Outdoor Installation for High-bright Displays

When using the high-bright display module, cat. no. 2711P-RDT12H, outdoors, considerations in maximizing the field life of the front bezel and display are:

- selecting the proper enclosure.
- orientation of the terminal.

Both ultraviolet and infrared radiation can reduce the field life of any electronic device. While the materials used in the terminal bezels provide long field life, that life can be extended by proper installation.

Ultraviolet radiation from the sun causes all plastics to fade or yellow and become brittle over time. Using an antiglare overlay, cat. no. 2711P-RGT12, will protect the front of the terminal from direct exposure to UV radiation and greatly increase its field life.