Catalog Number Explanation

This is the catalog number explanation for configured units of the PanelView Plus 6 terminals.

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

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

Terminal Selections

The PanelView Plus 6 configured terminals have logic modules with or without extended features and file viewers. Communication modules are ordered as separate catalog numbers.

Table 6 - PanelView Plus 6 Terminals

Cat. Nos.			Display		Communication		Input Power	Nonvolatile Flash/ RAM Memory(2)
Keypad	**Touch**	**Keypad/Touch**	**Size**	**Type**	**RS-232**	**Ethernet**		
700 Model								
2711P-K7C4D8	2711P-T7C4D8	2711P-B7C4D8	6.5-in.	Color	•	•	DC	512 MB/512 MB
–	2711P-T7C4D8K(1)	–			•	•	DC	512 MB/512 MB
2711P-K7C4A8	2711P-T7C4A8	2711P-B7C4A8			•	•	AC	512 MB/512 MB
1000 Model								
2711P-K10C4D8	2711P-T10C4D8	2711P-B10C4D8	10.4-in	Color	•	•	DC	512 MB/512 MB
2711P-K10C4A8	2711P-T10C4A8	2711P-B10C4A8			•	•	AC	512 MB/512 MB
1250 Model								
2711P-K12C4D8	2711P-T12C4D8	2711P-B12C4D8	12.1-in	Color	•	•	DC	512 MB/512 MB
–	2711P-T12C4D8K(1)	–			•	•	DC	512 MB/512 MB
2711P-K12C4A8	2711P-T12C4A8	2711P-B12C4A8			•	•	AC	512 MB/512 MB
1500 Model								
2711P-K15C4D8	2711P-T15C4D8	2711P-B15C4D8	15-in.	Color	•	•	DC	512 MB/512 MB
2711P-K15C4A8	2711P-T15C4A8	2711P-B15C4A8			•	•	AC	512 MB/512 MB

(1) Conformal-coated terminal.

(2) 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.

Specifications

Technical Specifications

Table 68 - Technical Specifications - 2711P-K*xxxx*8, 2711P-T*xxxx*8, 2711P-B*xxxx*8, 2711P-K*xxxx*9, 2711P-T*xxxx*9, 2711P-B*xxxx*9

Attribute	2711P-K*xxxx*8, 2711P-T*xxxx*8, 2711P-B*xxxx*8, 2711P-K*xxxx*9, 2711P-T*xxxx*9, 2711P-B*xxxx*9
Operating system	Microsoft Windows CE 6.0 R3
CPU	x86 - 1.0 GHz
Display type	Color active matrix, thin film transistor (TFT), liquid crystal display (LCD)
Display size 700 1000 1250 1500	 6.5 in. 10. 4 in. 12.1 in. 15 in.
Display area (WxH) 700 1000 1250 and 1250 high-bright 1500	 132 x 99 mm (5.2 x 3.9 in.) 211 x 158 mm (8.3 x 6.2 in.) 246 x 184 mm (9.7 x 7.2 in.) 304 x 228 mm (12.0 x 9.0 in.)
Resolution 700 1000 1250 and 1250 high-bright display 1500	 640 x 480, 18-bit color graphics 640 x 480, 18-bit color graphics 800 x 600, 18-bit color graphics 1024 x 768, 18-bit color graphics
Luminance, typical 700 to 1500 1250 high-bright	 300 cd/m^2 Nits 1000 cd/m^2 Nits
Backlight 700 to 1500 1250 high-bright	 CCFL 50,000 hours life, min Backlight not replaceable
Touch screen Actuation rating Operating force	Analog resistive 1 million presses 10…110 g
Keypad function keys (1) Actuation rating Operating force	Function keys, numeric and navigation 1 million presses 340 g
Real-time clock	Battery-backed, +/-2 minutes per month Battery life is 4 years min at 25 °C (77 °F)
Memory	512 MB nonvolatile flash, 512 MB RAM
Secure digital (SD) card	1 GB or 2 GB, cat. no. 1784-SD1 or 1784-SD2
Status indicators	COMM (green), Fault (red)

Table 68 - Technical Specifications - 2711P-K*xxxx*8, 2711P-T*xxxx*8, 2711P-B*xxxx*8, 2711P-K*xxxx*9, 2711P-T*xxxx*9, 2711P-B*xxxx*9

Attribute	2711P-K*xxxx*8, 2711P-T*xxxx*8, 2711P-B*xxxx*8, 2711P-K*xxxx*9, 2711P-T*xxxx*9, 2711P-B*xxxx*9
Electrical	
Input voltage, DC	24V DC nom (18…32V DC)
Power consumption, DC	70 W max (2.9 A at 24V DC) 39 W typical (1.6A @ 24V DC)
Input voltage, AC	85…264V AC
Line frequency	47…63 Hz
Power consumption, AC	160 VA max, 65 VA typical
External power supply, cat. no. 2711P-RSACDIN Input voltage, AC Line frequency Power consumption, AC	 85…264V AC 47…63 Hz 120 VA max
PCI slot, max power	DC supply: 5 W AC supply: 5 W
Weight, approx. for base-configured unit without communication module	
700 keypad or keypad/touch 700 touch	1.8 kg (4.1 lb) 1.7 kg (3.7 lb)
1000 keypad or keypad/touch 1000 touch	2.8 kg (6.2 lb) 2.5 kg (5.6 lb)
1250 keypad or keypad/touch 1250 touch	3.4 kg (7.5 lb) 3.2 kg (7.0 lb)
1500 keypad or keypad/touch 1500 touch	4.5 kg (9.9 lb) 4.2 kg (9.2 lb)
Dimensions, approx., (HxWxD) for base-configured unit without communication module	
700 keypad or keypad/touch 700 touch	193 x 290 x 55 mm (7.58 x 11.40 x 2.18 in.) 179 x 246 x 55 mm (7.04 x 9.68 x 2.18 in.)
1000 keypad or keypad/touch 1000 touch	248 x 399 x 55 mm (9.77 x 15.72 x 2.18 in.) 248 x 329 x 55 mm (9.77 x 12.97 x 2.18 in.)
1250 keypad or keypad/touch 1250 touch 1250 high-bright touch	282 x 416 x 55 mm (11.12 x 16.36 x 2.18 in.) 282 x 363 x 55 mm (11.12 x 14.30 x 2.18 in.) 282 x 363 x 74 mm (11.12 x 14.30 x 2.90 in.)
1500 keypad or keypad/touch 1500 touch	330 x 469 x 65 mm (12.97 x 18.46 x 2.55 in.) 330 x 416 x 65 mm (12.97 x 16.37 x 2.55 in.)

(1) Number of function keys varies by terminal size.

Environmental Specifications

Table 69 - Environmental Specifications - 2711P-K*xxxx*8, 2711P-T*xxxx*8, 2711P-B*xxxx*8, 2711P-K*xxxx*9, 2711P-T*xxxx*9, 2711P-B*xxxx*9

Attribute	2711P-K*xxxx*8, 2711P-T*xxxx*8, 2711P-B*xxxx*8, 2711P-K*xxxx*9, 2711P-T*xxxx*9, 2711P-B*xxxx*9
Temperature, operating	0…55 °C (32…131 °F)
Temperature, nonprotein	-25…70 °C (-13…158 °F)
Heat dissipation	240 BTU/hr.
Relative humidity	5…95% without condensation
Vibration	10…57 Hz, 0.012 PC-PC displacement 57…500 Hz, 2 g PC acceleration
Shock, operating	15 g at 11 ms
Shock, nonprotein	30 g at 11 ms
Enclosure ratings	NEMA Type 12, 13, 4X (Indoor use only), and IEC IP54, IP65
Airborne contaminants	For PVP/POP-CE conformal-coated PCBA level products: ANSI/ISA S71.04 - 1985 Severity Level G3 EN60654-4:1998 Class 3

Certifications

Table 70 - Certifications - 2711P-K*xxxx*8, 2711P-T*xxxx*8, 2711P-B*xxxx*8, 2711P-K*xxxx*9, 2711P-T*xxxx*9, 2711P-B*xxxx*9

Certification(1)	2711P-K*xxxx*8, 2711P-T*xxxx*8, 2711P-B*xxxx*8, 2711P-K*xxxx*9, 2711P-T*xxxx*9, 2711P-B*xxxx*9
c-UL-us	UL Listed Industrial Control Equipment, certified for use in US and Canada. See File E10314. UL Listed Industrial Control Equipment for use in: • Class I, Div 2, Group A, B, C, D • Class I, Zone 2, Group IIC (3) • Class II, Div 2 Groups F, G • Class III Hazardous Locations
CE (EMC)	European Union 2004/108/EC EMC Directive, compliant with: • EN 61000-6-2; Industrial Immunity • EN 61000-6-4; Industrial Emissions
CE (LVD)	European Union 2006/95/EC Low Voltage Directive, compliant with: • EN 61131-2; Programmable Controllers
C-Tick	Australian Radiocommunications Act, compliant with: AS/NZS CISPR 11; Industrial Emissions
Marine (2)	Products identified with the suffix M in the catalog number are certified to the requirements of one or more marine societies. For additional marine-certified components, refer to the Product Certification link below this table.

(1) When marked. See the Product Certification link on http://www.ab.com for declarations of conformity, certificates, and other certification details.

(2) The 700 and 1000 display modules are marked as marine certified.

(3) Applies only to the 1250 high-bright display module.