Module Selections

Display modules, logic modules, and communication modules can be ordered as separate components for field installation.

Table 8 - Display Modules

Cat. No.	Input Type	Display	Marine Certified	Conformal Coated	Built-in Antiglare Overlay
700 Model					
2711P-RDK7C	Keypad	7-in. color			
2711P-RDK7CK	Keypad			•	
2711P-RDT7C	Touch				
2711P-RDT7CK	Touch			•	
2711P-RDT7CM	Touch		•		
2711P-RDB7C	Keypad/Touch				
2711P-RDB7CK	Keypad/Touch			•	
2711P-RDB7CM	Keypad/Touch		•		
1000 Model					
2711P-RDK10C	Keypad	10-4 in. color			
2711P-RDT10C	Touch				
2711P-RDT10CM	Touch		•		
2711P-RDB10C	Keypad/Touch				
2711P-RDB10CM	Keypad/Touch		•		
1250 Model					
2711P-RDK12C	Keypad	12.1-in. color			
2711P-RDK12CK	Keypad			•	
2711P-RDT12C	Touch				
2711P-RDT12CK	Touch			•	
2711P-RDT12H(1)	Keypad/Touch				
2711P-RDT12AG	Touch				•
2711P-RDB12C	Keypad/Touch				
2711P-RDB12CK	Keypad/Touch			•	
1500 Model					
2711P-RDK15C	Keypad	15-in. color			
2711P-RDT15C	Touch				
2711P-RDT15AG	Touch				
2711P-RDB15C	Keypad/Touch				•

(1) H at end of cat. no. refers to 1250 High-bright display module.

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)

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.