

Table 15 - Display Modules - 700 to 1500 Terminals

| Cat. No. | Input Type | Display | Marine Certified | Conformal Coated | Built-in Antiglare Overlay |
|-----------------------------|--------------|----------------|------------------|------------------|----------------------------|
| 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.

Table 16 - Logic Modules - 700 to 1500 Terminals

| Cat. No. | Power Input | Memory RAM/Nonvolatile | Communication | Marine Certified | Conformal Coated | Included Software |
|----------------------------------|-------------|--|--|------------------|------------------|---|
| Without Standard Features | | | | | | |
| 2711P-RP8A | AC | 512 MB/512 MB (approximately 79 MB free user memory) | <ul style="list-style-type: none"> Ethernet RS-232 Network interface for communication module | • | | <ul style="list-style-type: none"> Windows CE 6.0 operating system FactoryTalk View Machine Edition runtime, version 6.0 or later FactoryTalk ViewPoint software, version 1.2 or later |
| 2711P-RP8D | DC | | | • | | |
| 2711P-RP8DK | DC | | | • | • | |
| With Extended Features | | | | | | |
| 2711P-RP9A | AC | 512 MB/512 MB (approximately 79 MB free user memory) | <ul style="list-style-type: none"> Ethernet RS-232 Network interface communication module | • | | <ul style="list-style-type: none"> Windows CE 6.0 operating system with extended features and file viewers FactoryTalk View Machine Edition runtime, version 6.0 or later FactoryTalk ViewPoint software, version 1.2 or later |
| 2711P-RP9D | DC | | | • | | |
| 2711P-RP9DK | DC | | | • | • | |

Table 17 - Communication Modules - 700 to 1500 Terminals

| Cat. No. | Communication | | | | Conformal Coated | Marine Certified |
|---------------------------|---------------|-----|--------|---------------------------|------------------|------------------|
| | Ethernet | DH+ | DH-485 | ControlNet ⁽²⁾ | | |
| 2711P-RN6 | | • | • | | | |
| 2711P-RN6K | | • | • | | | • |
| 2711P-RN15S | | | | • | | • |
| 2711P-RN15SK | | | | • | | • |
| 2711P-RN20 ⁽¹⁾ | • | | | | | |

(1) All terminals have an Ethernet port. The cat. no. 2711P-RN20 module provides an additional Ethernet port.

(2) Scheduled and unscheduled communication.

Table 18 - Secure Digital (SD) Cards⁽¹⁾

| Cat. No. | Terminal Model | Description |
|-------------|----------------|--|
| 1784-SD1 | All terminals | 1 GB Secure Digital (SD) card |
| 1784-SD2 | | 2 GB Secure Digital (SD) card |
| 1784-SDHC8 | | 8 GB High Capacity Secure Digital (SD) card |
| 1784-SDHC32 | | 32 GB High Capacity Secure Digital (SD) card |
| 2711C-RCSD | | USB to SD adapter for secure digital (SD) card |

(1) To help reduce the chance of corruption when you use SD Cards or USB drives with the terminal, Rockwell Automation recommends that you use only the above SD card catalog numbers.

Table 19 - CCFL Backlight Replacements⁽¹⁾

| Cat. No. | Terminal Model | Series | Number of CCFL Backlights |
|--------------|----------------|---------|---------------------------|
| 2711P-RL7C | 700 | A and B | 1 |
| 2711P-RL7C2 | | C and D | 1 |
| 2711P-RL10C | 1000 | A | 1 |
| 2711P-RL10C2 | | B and C | 1 |
| 2711P-RL12C | 1250 | A and B | 2 |
| 2711P-RL12C2 | | C | 1 |
| 2711P-RL15C | 1500 | B | 2 |

(1) These CCFL-backlight replacement catalog numbers do not apply to LED displays.

Table 20 - Antiglare Overlays

| Cat. No. ⁽¹⁾ | Terminal Model | Operator Input | | |
|-------------------------|------------------------|----------------|-------|-----------|
| | | Keypad | Touch | Key/Touch |
| 2711P-RGB4 | 400 grayscale or color | • | | • |
| 2711P-RGK6 | 600 grayscale or color | • | | • |
| 2711P-RG16 | | | • | |
| 2711P-RGK7 | 700 color | • | | • |
| 2711P-RGT7 | | | • | |
| 2711P-RGK10 | 1000 color | • | | • |
| 2711P-RGT10 | | | • | |
| 2711P-RGK12 | 1250 color | • | | • |
| 2711P-RGT12 | | | • | |
| 2711P-RGK15 | 1500 color | • | | • |
| 2711P-RGT15 | | | • | |

(1) Three overlays are shipped with each catalog number.

Table 21 - Solar Visor

| Cat. No. | Terminal Model | Description |
|-------------|----------------|--|
| 2711P-RVT12 | 1250 | Solar visor for 1250 high-bright display module, cat. no. 2711P-RDT12H |

Table 22 - Function Key Legend Kits

| Cat. No. | Terminal Model⁽¹⁾ | Description |
|-----------------|-------------------------------------|-----------------------------------|
| 2711P-RFK6 | 600 keypad | Blank legend inserts and software |
| 2711P-RFK7 | 700 keypad | |
| 2711P-RFK10 | 1000 keypad | |
| 2711P-RFK12 | 1250 keypad | |
| 2711P-RFK15 | 1500 keypad | |

(1) Applies to keypad and keypad/touch-screen terminals.

Table 23 - Mounting Hardware

| Cat. No. | Terminal Model | Description | Quantity |
|-----------------|-----------------------|-----------------------------|-----------------|
| 2711P-RTFC | 400 or 600 | Replacement mounting levers | 8 |
| 2711P-RTMC | 700 to 1500 | Replacement Mounting clips | 8 |

Table 24 - Replacement Battery

| Cat. No. | Terminal Model | Description |
|-----------------|-----------------------|---|
| 2711P-RY2032 | All terminals | Replacement CR2032 coin-cell equivalent battery |

Table 25 - Cables

| Cat. No. | Terminal Model | Description | Length |
|-------------------------------|-----------------------|--|---------------|
| 2711C-CBL-UU02 ⁽¹⁾ | 700 to 1500 | Programming cable that connects the USB device port of the terminal to a USB host port of a computer | 2 m (6.5 ft) |
| 6189V-USBCBL2 | 400 and 600 | Programming cable that connects the USB device port of the terminal to a USB host port of a computer | 1.8 m (6 ft) |

(1) Only for Series A terminals with a mini-USB port, type B.

Table 26 - Power Supply and Power Terminal Blocks

| Cat. No. | Terminal Model | Description | Quantity |
|-----------------|-----------------------|--|-----------------|
| 1606-XLE120E | All terminals | DIN-rail power supply, AC-to-DC, 100...240V AC, 50...60 Hz | 1 |
| 2711P-RVAC | 400 and 600 | AC power terminal block | 10 |
| 2711P-6RSA | | AC module converts a DC-powered terminal to AC power | 1 |
| 2711-TBDC | | DC power terminal block | 10 |
| 2711P-RTBAC3 | 700 to 1500 | AC power terminal block | 10 |
| 2711P-RTBDC2 | | DC power terminal block | 10 |

Table 27 - Bezel Replacements

| Cat. No. | Terminal Model | Operator Input | | |
|-----------------------------|----------------|----------------|-------|-----------|
| | | Keypad | Touch | Key/Touch |
| 2711P-RBK7 | 700 | • | | |
| 2711P-RBT7 | | | • | |
| 2711P-RBB7 | | | | • |
| 2711P-RBK10 | 1000 | • | | |
| 2711P-RBT10 | | | • | |
| 2711P-RBB10 | | | | • |
| 2711P-RBK12 | 1250 | • | | |
| 2711P-RBT12 | | | • | |
| 2711P-RBT12H ⁽¹⁾ | | | • | |
| 2711P-RBB12 | | | | • |
| 2711P-RBK15 | 1500 | • | | |
| 2711P-RBT15 | | | • | |
| 2711P-RBB15 | | | | • |

(1) Applies to the cat. no. 2711P-RDT12H 1250 high-bright display module.

Table 28 - Adapter Plates

| Cat. No. | Adapts This PanelView Plus 6 Terminal | To This Terminal Cutout |
|---------------|--|--------------------------------|
| 2711P-RAK4 | 400 keypad or keypad/touch 600 touch | PanelView Standard 550 keypad |
| 2711P-RAK6 | 600 keypad or keypad/touch | PanelView Standard 600 keypad |
| 2711P-RAK7 | 700 keypad or keypad/touch | PanelView Standard 900 keypad |
| 2711P-RAT7 | 700 touch | PanelView Standard 900 touch |
| 2711P-RAK10 | 1000 keypad or keypad/touch | PanelView 1000/1000e keypad |
| 2711P-RAT10 | 1000 touch | PanelView 1000/1000e touch |
| 2711P-RAK15 | 1500 keypad or keypad/touch | PanelView 1200e/1400e keypad |
| 2711P-RAT15 | 1500 touch | PanelView 1200e/1400e touch |
| 2711P-RAK12E | 1250 keypad ⁽¹⁾ | PanelView 1200/1400e keypad |
| 2711P-RAT12E2 | 1250 touch ⁽²⁾ | PanelView 1200 touch |
| 2711P-RAT12E | 1250 touch ⁽²⁾ | PanelView 1200e/1400e touch |
| 2711P-RAK12S | 1250 keypad ⁽¹⁾ or keypad/touch | PanelView Standard 1400 keypad |
| 2711P-RAT12S | 1250 touch ⁽²⁾ | PanelView Standard 1400 touch |

(1) Applies also to PanelView 1000/1000e keypad or keypad/touch terminals.

(2) Applies also to PanelView 1000/1000e touch terminals.

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