

# 2711-B6C1

## PanelView Standard 600 color keypad/touch terminal

It provides local color visualization and keypad/touch operation while exchanging operator data through a Remote I/O connection.

| IDENTITY          | VALUE                                              |
|-------------------|----------------------------------------------------|
| Manufacturer      | Allen-Bradley                                      |
| Model             | 2711-B6C1                                          |
| Product type      | PanelView Standard 600 color keypad/touch terminal |
| HS code           | 8537101190                                         |
| Shipping location | Xiamen, Fujian, China                              |

### Product-specific system role

- Combines keypad and 128-cell touch input
- Displays 320 x 234 color process graphics

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2711-B6C1

Technical Specifications

| PARAMETER          | VERIFIED VALUE          |
|--------------------|-------------------------|
| Catalog number     | 2711-B6C1               |
| Display            | Color active-matrix TFT |
| Display area       | 115 x 86 mm             |
| Resolution         | 320 x 234 pixels        |
| Operator input     | Keypad and touch        |
| Touch cells        | 128; 16 x 8             |
| Function keys      | 10; F1 to F10           |
| Communication      | Remote I/O              |
| Application memory | 240 KB nonvolatile      |
| Runtime memory     | 190 KB                  |

Additional verified data

| PARAMETER                                                                                                                                                                                                                                  | VERIFIED VALUE          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| Programming software                                                                                                                                                                                                                       | PanelBuilder32          |
| Input voltage                                                                                                                                                                                                                              | 85 to 264 V AC          |
| <div>MODEL-SPECIFIC ENGINEERING NOTE</div> <p>Isolate AC power and the Remote I/O link, back up the PanelBuilder32 application, preserve node and communication settings, then test every active key and touch cell after replacement.</p> |                         |
| Storage temperature                                                                                                                                                                                                                        | -25 to 70 degC          |
| Relative humidity                                                                                                                                                                                                                          | 5 to 95%, noncondensing |
|                                                                                                                                                                                                                                            |                         |

# System Function and Engineering Context

- Combines keypad and 128-cell touch input
- Displays 320 x 234 color process graphics
- Uses Remote I/O communications
- Stores the PanelBuilder32 application in nonvolatile memory

## Companion components

- PanelView Standard 600 panel cutout
- Remote I/O scanner and cabling
- 85 to 264 V AC supply
- PanelBuilder32 application backup

| APPLICATION                       | SYSTEM ROLE                                                                        |
|-----------------------------------|------------------------------------------------------------------------------------|
| Machine operator station          | Uses 2711-B6C1 in the documented Allen-Bradley PanelView Standard 600 arrangement. |
| Remote I/O process display        | Uses 2711-B6C1 in the documented Allen-Bradley PanelView Standard 600 arrangement. |
| Alarm and status visualization    | Uses 2711-B6C1 in the documented Allen-Bradley PanelView Standard 600 arrangement. |
| Legacy HMI migration verification | Uses 2711-B6C1 in the documented Allen-Bradley PanelView Standard 600 arrangement. |

## Installation and Commissioning Controls

- 1 Verify the complete 2711-B6C1 marking and the assigned Allen-Bradley PanelView Standard 600 position before work.
- 2 Place the connected machine or process in the approved maintenance state before disturbing 2711-B6C1.
- 3 Isolate the applicable power and field energy, then confirm a safe state before disconnecting 2711-B6C1.
- 4 Record connector, conductor, slot and configuration identities before removal of 2711-B6C1.
- 5 Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies during handling.
- 6 Confirm that the installed companion hardware and approved project match the 2711-B6C1 arrangement.
- 7 Restore power in a controlled sequence and review device, rack and host diagnostics.
- 8 Prove the intended function and retain the final test result before returning 2711-B6C1 to service.

## Engineer FAQ - Part 1

### What is 2711-B6C1?

Allen-Bradley 2711-B6C1 is panelview standard 600 color keypad/touch terminal. It provides local color visualization and keypad/touch operation while exchanging operator data through a Remote I/O connection.

### Which system uses 2711-B6C1?

Use 2711-B6C1 only in the documented Allen-Bradley PanelView Standard 600 arrangement and the installed hardware configuration.

### What should be checked before installing 2711-B6C1?

Confirm the complete marking, assigned position, companion hardware and approved configuration before field work.

### How should wiring be handled when replacing 2711-B6C1?

Record every connector and conductor before removal, preserve polarity and shielding, and follow the applicable manufacturer connection instructions.

Engineer FAQ - Part 2

How is 2711-B6C1 configured after replacement?

Restore only the approved project or device settings, then verify status and diagnostics before automatic operation.

How should 2711-B6C1 be commissioned?

Energize under controlled conditions, exercise the intended system function and record the final diagnostic state.

What maintenance record is needed for 2711-B6C1?

Retain the as-found connection record, installed position, configuration revision and functional-test result.

Can 2711-B6C1 be substituted directly?

A substitution requires complete catalog-number, hardware-revision, interface and system-compatibility checks against the controlling documentation.

Related product pages on Apter Power

| MODEL           | SYSTEM ROLE                   | APTER POWER PAGE                              |
|-----------------|-------------------------------|-----------------------------------------------|
| 1336T-LM1EN     | Related Allen-Bradley product | <a href="#">View 1336T-LM1EN page</a>         |
| 1753-IF8XOF4    | Related Allen-Bradley product | <a href="#">Open 1753-IF8XOF4 listing</a>     |
| 80190-560-01-R  | Related Allen-Bradley product | <a href="#">Explore 80190-560-01-R module</a> |
| 1734-4IOL       | Related Allen-Bradley product | <a href="#">Review 1734-4IOL item</a>         |
| 1756-L84E       | Related Allen-Bradley product | <a href="#">See 1756-L84E profile</a>         |
| 1756-L81EK      | Related Allen-Bradley product | <a href="#">Open 1756-L81EK details</a>       |
| 2711P-T10C22D9P | Related Allen-Bradley product | <a href="#">Visit 2711P-T10C22D9P page</a>    |
| 2711P-T12W22D9P | Related Allen-Bradley product | <a href="#">View 2711P-T12W22D9P option</a>   |

SOURCE RECORD

Rockwell Automation PanelView Standard Operator Terminals User Manual and Technical Data - 2711-UM014G-EN-P; 2711-TD007A-EN-P