

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
- Uses Remote I/O communications
- Stores the PanelBuilder32 application in nonvolatile memory

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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
Programming software	PanelBuilder32
Input voltage	85 to 264 V AC
Input frequency	43 to 63 Hz
Power consumption	60 VA maximum
Operating temperature	0 to 50 degC

Additional verified data

PARAMETER	VERIFIED VALUE
Storage temperature	-25 to 70 degC
Relative humidity	5 to 95%, noncondensing
Backlight half-life	50,000 h at 25 degC
Enclosure	NEMA 12, 13, 4X indoor; IP54/IP65

MODEL-SPECIFIC ENGINEERING NOTE

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.

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
1783-CMS10DP	Related Allen-Bradley product	View 1783-CMS10DP page
2711-K6C16	Related Allen-Bradley product	Open 2711-K6C16 listing
1756-RM	Related Allen-Bradley product	Explore 1756-RM module
150-F135NBDB	Related Allen-Bradley product	Review 150-F135NBDB item
1797-ACNR15	Related Allen-Bradley product	See 1797-ACNR15 profile
80190-440-02-R	Related Allen-Bradley product	Open 80190-440-02-R details
1766-L32BXBA	Related Allen-Bradley product	Visit 1766-L32BXBA page
1756-OA16	Related Allen-Bradley product	View 1756-OA16 option

SOURCE RECORD

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