2711P-T6C20D8

01 / Product identity and control context

Operator Interface Terminal

Allen-Bradley 2711P-T6C20D8 is a PanelView Plus 6 600 color touchscreen terminal with Ethernet, RS-232 and 24 V DC power for machine-level operator control.

Key characteristics

Product type	PanelView Plus 6 600 touchscreen
Display	5.7-inch color, 320 x 240 pixels
Power input	24 V DC nominal
Operating-system option	Windows CE without extended features

Installed-system relationship

Allen-Bradley 2711P-T6C20D8 presents machine status and operator commands through a color touchscreen. Its FactoryTalk View Machine Edition application communicates with the configured controller over the selected network or serial path.

Application backup

Retain the runtime file, software revision and controller communication settings.

Configuration boundary

Use the 600 color DC-powered touchscreen and D8 operating-system configuration; Plus 7 and D9 features do not apply.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

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02 / Technical characteristics

Hardware and functional data

Manufacturer	Allen-Bradley
Product series	PanelView Plus 6 600
Display	5.7-inch color active-matrix TFT
Resolution	320 x 240 pixels
Touchscreen	4-wire analog resistive
Nominal supply	24 V DC
Supply range	18 to 30 V DC
DC power consumption	15 W maximum; 9 W typical

Interfaces and operating conditions

System memory	256 MB RAM; 512 MB nonvolatile
Free user memory	Approximately 73 MB
Ethernet interface	10/100 Mbps
Serial interface	RS-232
USB interfaces	One host; one device
External storage	Secure Digital card / USB flash drive
Operating system	Windows CE 6.0, without extended features
Application software	FactoryTalk View ME 6.10 or later

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03 / Application and integration contexts

Machine operator stations

Present machine states, operating commands and process values on a 5.7-inch color touchscreen. Design navigation and touch targets for the actual operating task.

Alarm and status visualization

Display application-configured alarms and equipment states. Validate tag addressing, timestamps and operator acknowledgement behavior with the controller program.

Power and mounting

Verify the DC source, polarity, grounding, gasket and panel installation.

Ethernet-connected visualization

Use the 10/100 Mbps Ethernet interface for the configured controller communication path. Check network addressing and application device shortcuts during replacement.

Serial interface installations

Maintain an applicable RS-232 communication arrangement where required by the installed machine. Restore the protocol, serial settings and application addressing together.

Communications

Restore the Ethernet or RS-232 path and application device shortcuts.

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04 / Installation and release decisions

Confirm the D8 execution

Match 2711P-T6C20D8 and retain its DC-power and touchscreen identity. Do not assume D9 extended operating-system features are present.

Back up the HMI application

Retain the runtime application, network settings and controller communication configuration before replacement.

Use the correct DC source

Provide 18 to 30 V DC from an applicable Class 2, SELV or PELV supply. Verify polarity and grounding against the installation instructions.

Inspect the panel installation

Use the correct cutout, mounting hardware and gasket procedure. Protect connectors and maintain the required enclosure conditions.

Preserve communication settings

Check Ethernet addressing or RS-232 settings and the application communication path. A successful screen startup alone does not prove controller communication.

Validate operator functions

Test display navigation, alarms and permitted commands under controlled conditions. Keep independent machine safety and isolation functions effective.

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05 / Lifecycle, evidence and related portfolio

Lifecycle status

Rockwell Automation identifies this catalog number as discontinued from 30 September 2021, with no planned Rockwell Automation replacement. Assess migration against the complete application and installation requirements.

Supply boundary

Apter Power availability and dispatch are confirmed separately from the manufacturer lifecycle phase.

Technical basis

Rockwell Automation PanelView Plus 6 Specifications, 2711P-TD005I-EN-P (February 2020); PanelView Plus 6 Terminals User Manual, 2711P-UM006I-EN-P.

Related product references

Allen-Bradley 2711P-T10C21D8S

Allen-Bradley 2711P-B7C4D1/A

Allen-Bradley 2711P-RDT7CM

Navigation only; no substitute or accessory compatibility is implied.

Offered-unit verification

Compare the complete label, connectors, mounting arrangement and applicable hardware/software revision. Confirm included components and accompanying documents in the quotation.

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