2711P-T6C20D8

01 / System identity and preparation

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.

Engineering context

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

Preparation priorities

Application backup	Retain the runtime file, software revision and controller communication settings.
Power and mounting	Verify the DC source, polarity, grounding, gasket and panel installation.

Guide boundary

This Apter Power guide organizes identification, preparation and acceptance checks. Use the applicable manufacturer instructions and approved site procedure for detailed wiring, mounting, firmware operations and testing.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

02 / Configuration review before service

Application backup	Retain the runtime file, software revision and controller communication settings.
Power and mounting	Verify the DC source, polarity, grounding, gasket and panel installation.
Communications	Restore the Ethernet or RS-232 path and application device shortcuts.
Operator acceptance	Test navigation, displayed values, alarm handling and permitted commands under controlled conditions.

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.

Mismatch decision

Resolve a different catalog marking, interface, software requirement or installed configuration before proceeding. Physical similarity alone does not establish an approved replacement.

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03 / Hardware and interface checks

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.

Key hardware references

Display	5.7-inch color active-matrix TFT
Resolution	320 x 240 pixels
Touchscreen	4-wire analog resistive
Nominal supply	24 V DC

Preserve the connection record

Photograph and label the affected connections before disconnection. Retain the original routing, module positions and identification with the work order, and compare the restored installation against that record.

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04 / Commissioning and diagnostic decisions

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.

Acceptance checkpoints

Before energization	Verify the DC source, polarity, grounding, gasket and panel installation.
Configuration review	Restore the Ethernet or RS-232 path and application device shortcuts.
Functional release	Test navigation, displayed values, alarm handling and permitted commands under controlled conditions.

Abnormal result

If diagnostics, communication or functional response differ from the approved baseline, stop the release and resolve the configuration or installation issue. Do not bypass an interlock or protective function to obtain a passing test.

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05 / Service record and technical references

Lifecycle and support

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.

Technical basis

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

Applicability

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

Related portfolio references

Allen-Bradley 2711P-T10C21D8S

Allen-Bradley 2711P-B7C4D1/A

Allen-Bradley 2711P-RDT7CM

Navigation only. These listings are not confirmed replacements, compatible accessories or included items.

Handover record

Retain the complete fitted marking, hardware/software revision where applicable, connection record and accepted test results. Confirm separate accessories and documents in the quotation.

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