

INDUSTRIAL AUTOMATION PRODUCT

CP651-WEB-1SAP551200R0001

Web Control Panel

Operator visualization and command exchange with an AC500 V2.3 webserver

IDENTITY	VERIFIED VALUE
Manufacturer	ABB
System family	ABB CP600 control panel platform
Part number	CP651-WEB-1SAP551200R0001

APTER POWER SALES TEAM

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Technical Specifications

Technical values below are limited to the named ABB product record.

PARAMETER	TECHNICAL VALUE
Order code	1SAP551200R0001
Product type	CP651-WEB
Visualization	AC500 V2.3 webserver microbrowser
Display	TFT color LED
Resolution	800 x 600 pixels
Color depth	64K colors
Input	Single-touch screen
User flash	256 MB
Removable storage	SD card slot
Recipe memory	Supported
Serial interface	RS232 / RS485 / RS422, software configurable
Ethernet	2 x 10/100 Mbit/s with integrated switch
USB	2 host ports
Expansion	2 expansion slots
Supply	18 to 32 V DC
Current at 24 V DC	1 A
Clock	Battery-backed real-time clock
Lifecycle	Classic

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System Role and Architecture

Operator visualization and command exchange with an AC500 V2.3 webserver

FUNCTION 1

Runs an AC500 webserver microbrowser

FUNCTION 2

Provides an 800 by 600 touch display

FUNCTION 3

Integrates dual switched Ethernet ports

FUNCTION 4

Provides serial, USB and SD interfaces

Matched system components

- AC500 V2.3 webserver project
- 18 to 32 V DC supply
- Ethernet or serial network
- approved panel cutout and grounding arrangement

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	AC500 V2.3 webserver project
Companion hardware	18 to 32 V DC supply
Field connection	Ethernet or serial network
Primary system function	Runs an AC500 webserver microbrowser
Controlled acceptance duty	AC500 web visualization

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Applications and Engineering Context

AC500 web visualization

Runs an AC500 webserver microbrowser

Machine operator interface

Provides an 800 by 600 touch display

Dual-port Ethernet access

Integrates dual switched Ethernet ports

CP600 panel replacement

Provides serial, USB and SD interfaces

TECHNICAL NOTE

Export the web-project and network record, isolate the DC supply, preserve serial and Ethernet assignments and verify the complete 1SAP551200R0001 identity.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	CP651-WEB-1SAP551200R0001 / CP651-WEB-1SAP551200R0001 recorded
Physical interface	AC500 V2.3 webserver project
Companion check	18 to 32 V DC supply
Functional proof	Runs an AC500 webserver microbrowser
Application test	AC500 web visualization

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Engineering Precautions

- 1 Verify the complete CP651-WEB-1SAP551200R0001 marking and its assigned ABB CP600 control panel platform position before work.
- 2 Place the connected ac500 web visualization process in the approved maintenance state.
- 3 Isolate every documented power, signal and stored-energy source before disconnecting conductors or cables.
- 4 Record the installed slot, connectors, conductors, addressing, firmware and software configuration before removal.
- 5 Use ESD-safe handling and protect keyed electrical, fiber or sensor interfaces as applicable.

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MANUFACTURER SOURCE RECORD

ABB CP651 Data Sheet and CP600 Operating Manual

3ADR010245 Rev B; 3ADR010098

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