

CP651-WEB-1SAP551200R0001

Web Control Panel

CONTROLLED ENGINEERING COPY

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

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	CP651-WEB-1SAP551200R0001
Manufacturer part	CP651-WEB-1SAP551200R0001
Hardware type	1SAP551200R0001
System family	ABB CP600 control panel platform



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01 PRE-INSTALLATION PLAN

- 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.

MATCHED HARDWARE

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

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
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

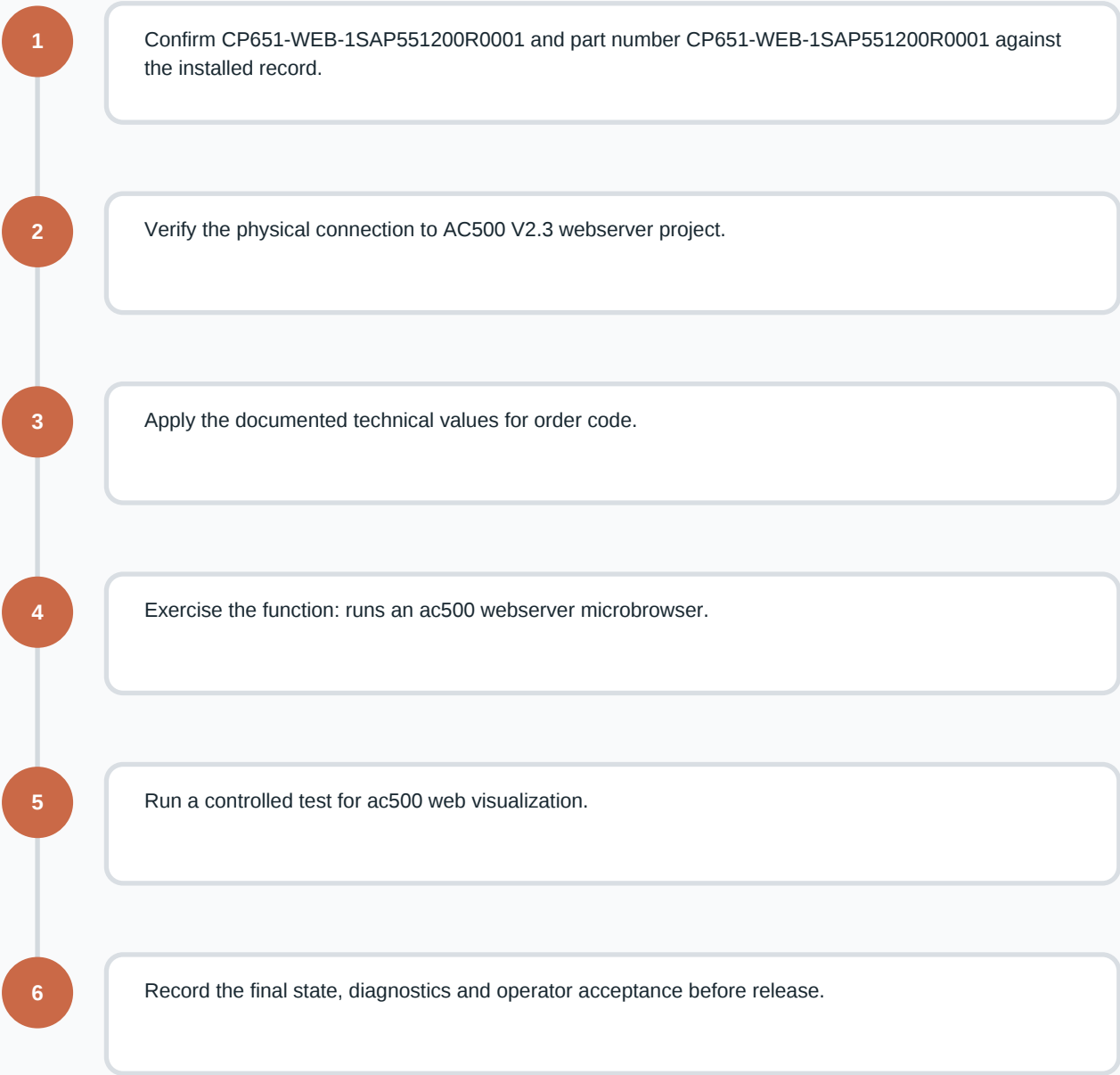
02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED 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

FIELD NOTE

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

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	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

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the installed AC500 V2.3 webserver project and 18 to 32 V DC supply against the approved project.
- ☐
- Restore power in a controlled sequence and review device, network and host diagnostics.
- ☐
- Prove the intended machine operator interface function and retain the final acceptance result.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	CP651-WEB-1SAP551200R0001
INSTALLED POSITION	Documented ABB CP600 control panel platform position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 330101 00 16 10 02 00	Related industrial automation product	View Bently Nevada 330101 00 16 10 02 00 page
Bently Nevada 330101 00 12 10 02 00	Related industrial automation product	View Bently Nevada 330101 00 12 10 02 00 page
Bently Nevada 330101 00 08 10 02 05	Related industrial automation product	View Bently Nevada 330101 00 08 10 02 05 page
Bently Nevada 330101 00 08 10 02 00	Related industrial automation product	View Bently Nevada 330101 00 08 10 02 00 page
ABB 3BHE022293R0101 PCD232A	Related industrial automation product	View ABB 3BHE022293R0101 PCD232A page
Bently Nevada 330101 00 08 05 02 00	Related industrial automation product	View Bently Nevada 330101 00 08 05 02 00 page
Siemens 6SE7090 0XX87 4AH0	Related industrial automation product	View Siemens 6SE7090 0XX87 4AH0 page
Siemens C98043 A7109 L100	Related industrial automation product	View Siemens C98043 A7109 L100 page

SOURCE IDENTIFIERS

ABB CP651 Data Sheet and CP600 Operating Manual
3ADR010245 Rev B; 3ADR010098

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