ABB CP651-WEB-1SAP551200R0001

01 WEB environment capture

1 WEB environment capture procedure

Use this stage for CP651-WEB-1SAP551200R0001 at its assigned installation position. Record the startup address, controller project, browser environment and network settings. Identify the full WEB hardware reference before replacement.

2 Acceptance of web environment capture

The planned panel supports the intended AC500 V2.3 visualization rather than an assumed PB610 application. Record the observed result and any unresolved difference before progressing to the next applicable stage.

Stage record	WEB environment capture observations and acceptance result
Display	10.4-inch TFT-LCD
Resolution	800 x 600 pixels

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02 Cabinet installation

1 Cabinet installation procedure

Inspect the front seal, mounting hardware and protected rear enclosure. Check the loaded DC supply and cabinet thermal conditions.

2 Acceptance of cabinet installation

The front and rear are used within their different environmental boundaries. Record the observed result and any unresolved difference before progressing to the next applicable stage.

Stage record	Cabinet installation observations and acceptance result
Touch input	Four-wire resistive, single touch
Display colors	65,536

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03 Controller-page connection

1 Controller-page connection procedure

Restore the assigned network and startup page. Compare page rendering with live variable updates and controller communication status.

2 Acceptance of controller-page connection

A visible page is accompanied by current process data from the correct controller. Record the observed result and any unresolved difference before progressing to the next applicable stage.

Stage record	Controller-page connection observations and acceptance result
Brightness	300 cd/m2
Supply range	18-32 V DC

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04 Touch-command verification

1 Touch-command verification procedure

Test touch alignment and the permitted operator commands under controlled conditions. Keep controller interlocks responsible for machine authorization.

2 Acceptance of touch-command verification

Each tested object acts on the intended variable and cannot bypass the required machine logic. Record the observed result and any unresolved difference before progressing to the next applicable stage.

Stage record	Touch-command verification observations and acceptance result
Current at 24 V DC	1.0 A
Ethernet interfaces	Two 10/100 Mbit/s ports

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05 Loss-of-link and restart review

1 Loss-of-link and restart review procedure

Observe how stale data, communication loss and power restoration are presented. Preserve final settings and report any loss of retained configuration.

2 Acceptance of loss-of-link and restart review

The operator can distinguish unavailable data from a valid process value after restart or connection loss. Record the observed result and any unresolved difference before progressing to the next applicable stage.

Technical basis: ABB Control Panel CP600 Data Sheet, CP651 / CP651-WEB, 3ADR010245.

Related product navigation

ABB CI854BK01 3BSE069449R1

ABB CI853K01 3BSE018103R1

ABB CI867K01 3BSE043660R1

Related products for separate application assessment; verify the platform and interface. No interchangeability is implied.