INSTALLATION & COMMISSIONING

Bently Nevada 3300/03

01 / PLAN AND IDENTIFY

Bently Nevada 3300/03 is the 3300 rack System Monitor that distributes common rack functions and provides communication paths for monitor data and optional serial or dynamic interfaces.

Identity gate

Model	3300/03
Component	System Monitor
Rack Role	Common monitor functions and communication interface
Shared Functions	Setpoint adjustment, Keyphasor power and alarm acknowledgement
Option Boundary	Complete ordering suffix required for SDI/DDI and power selections

Work boundary

Exact item	Installed context	Acceptance
3300/03	Mating component or rack position	Machine-specific functional check

01 Record the as-found item

Capture the complete identifier, installed point and mating components before removal. Apply the authorized isolation and protection-bypass procedure.

Related Bently Nevada models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-20-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-02-10-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330905-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330980-51-CN	Related portfolio reference; verify the complete execution.

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02 / PRE-INSTALLATION

Readiness gate

Identity	Full model and nameplate recorded
Mechanical	Mounting, enclosure and routing inspected
Electrical	Power, loop or cable checks follow the applicable source
Integration	Mating components and system length confirmed

02 Inspect condition

Check the nameplate, mounting surfaces, connectors, cable or enclosure for damage and contamination. Reject an item whose exact identity or condition cannot be confirmed.

03 Review the source

141524-01 Rev. F: system-monitor role and warning p. 1; electrical and signal interfaces pp. 2-3; environmental, physical and option data pp. 4-5.

Related Bently Nevada models

Bently Nevada 330103-00-03-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330103-00-20-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-02-10-10-02-00	Related portfolio reference; verify the complete execution.
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03 / INSTALL AND CONNECT

04 / Installation check

Record the complete 3300/03 suffix and power selection before replacement.

05 / Installation check

Provide independent annunciation because loss of the monitor or power can remove protection.

06 / Installation check

Verify rack supply voltage before inserting the System Monitor.

07 / Installation check

Match SDI/DDI interface and communication cables to the exact ordered execution.

08 / Installation check

Label Keyphasor and buffered signal connections before disassembly.

Documented data to respect

Rack Functions	Alarm setpoint adjustment, Keyphasor power/conditioning/distribution, alarm acknowledgement
Data Ports	STATIC and DYNAMIC
Optional Interface	Serial Data Interface (SDI)
Optional Interface	Dynamic Data Interface (DDI)
Input Power	95 to 125 Vac or 190 to 250 Vac depending on ordered execution
Power Consumption	Nominal 15 W

Related Bently Nevada models

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04 / COMMISSION AND ACCEPT

09 Restore the documented assembly

The System Monitor sits at the center of the 3300 rack's common services. Power selection, interface option, communication cable and annunciation wiring must match the exact installed suffix rather than the base model alone.

10 Perform the functional check

Use the machine procedure to verify the expected static condition, signal path and operating response. A visual inspection alone is not commissioning evidence.

Acceptance record

Identity	Full model and nameplate recorded
Mechanical	Mounting, enclosure and routing inspected
Electrical	Power, loop or cable checks follow the applicable source
Integration	Mating components and system length confirmed
Acceptance	Machine-specific functional result recorded

Does Bently Nevada 3300/03 always include SDI and DDI?

No. Those interfaces depend on the complete ordered execution and must be confirmed from the suffix.

Can Bently Nevada 3300/03 be ordered by the base model alone?

The base identifies the family, but suffixes are needed for power, interface and approval selections.

What operating temperature applies to Bently Nevada 3300/03?

The listed operating range is 0 to +65 deg C.

Related Bently Nevada models

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05 / HANDOVER

Why is external annunciation recommended with Bently Nevada 3300/03?

A wiring, monitor or primary-power failure can remove machinery protection, so an independent indication is recommended.

What confirms commissioning of Bently Nevada 3300/03?

Verify rack power, shared functions, Keyphasor distribution, communication paths and external alarm indication.

Handover record

Identity	Exact model and installed location
Configuration	Mating items and relevant option fields
Inspection	Mechanical, cable and connector condition
Test	Authorized functional result and date

Related-product boundary

Recommended models are portfolio references. Compare every ordering field before selection.

Related Bently Nevada models

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Bently Nevada 330103-00-20-10-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.
Bently Nevada 330104-02-10-10-02-00	Related portfolio reference; verify the complete execution.

Manufacturer evidence

141524-01 Rev. F: system-monitor role and warning p. 1; electrical and signal interfaces pp. 2-3; environmental, physical and option data pp. 4-5.

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