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.

Exact identity

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

Installed context

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

3300 rack coordination

Provide shared setpoint, Keyphasor and alarm-acknowledgement functions.

External data access

Connect installed monitors to a communications processor through STATIC and DYNAMIC data ports.

Process-system integration

Use the ordered SDI option for supported serial data exchange.

Machinery-management links

Use the ordered DDI option for compatible dynamic-data software paths.

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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Manufacturer-supported characteristics

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

Additional data

Buffered Outputs	Front-panel connections for selected signals
Operating Temperature	0 to +65 deg C
Storage Temperature	-40 to +85 deg C
Humidity	To 95%, non-condensing
Rack Position	System-monitor position in the 3300 rack
Safety Note	Loss of monitor, wiring or primary power can remove machinery protection

Interpretation boundary

3300/03 is a base family identifier. Do not copy suffix-specific power, SDI, DDI or approval selections from 3300/03-01-00 or 3300/03-02-00 without an exact nameplate match.

Evidence discipline

Unverified weight, dimensions and suffix meanings are intentionally omitted. Confirm them only from the exact manufacturer record or nameplate.

Related Bently Nevada models

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Bently Nevada 330104-00-03-05-02-00	Related portfolio reference; verify the complete execution.
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01 / Field precaution

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

02 / Field precaution

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

03 / Field precaution

Verify rack supply voltage before inserting the System Monitor.

04 / Field precaution

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

05 / Field precaution

Label Keyphasor and buffered signal connections before disassembly.

06 / Field precaution

Inspect the system-monitor slot, connector and grounding condition.

07 / Field precaution

Restore all rack-wide setpoint and acknowledgement functions.

08 / Field precaution

Verify communications, Keyphasor distribution and external annunciation before return to service.

Acceptance checkpoints

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

Related Bently Nevada models

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What role does Bently Nevada 3300/03 perform?

It provides common functions and communication interfaces for a 3300 monitoring rack.

Which common functions are supplied by Bently Nevada 3300/03?

They include alarm setpoint adjustment, Keyphasor power and conditioning, and alarm acknowledgement.

Which data ports are available on Bently Nevada 3300/03?

The System Monitor connects installed monitors through STATIC and DYNAMIC data ports.

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.

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.

Related Bently Nevada models

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Evidence record

Manufacturer	Bently Nevada, a Baker Hughes company
Reference	3300/03 System Monitor Specifications and Ordering Information 141524-01 Rev. F
Exact identifier	3300/03
Evidence boundary	Only directly supported family and ordering statements are used

Related Bently Nevada models

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Recommendation rule

Brand + model links identify related Bently Nevada pages. They do not claim compatibility or substitution.

Service record

Retain exact identity, installed point, companion components, as-found condition, inspection evidence and machine-specific acceptance result.

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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