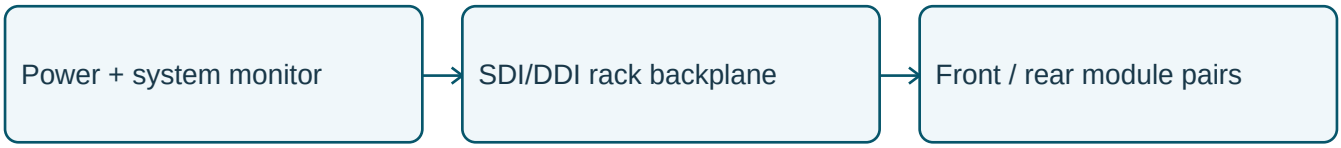
3300/05-22-01-00

01 / System identity and preparation

Bently Nevada 3300/05-22-01-00 organizes the power supply, system monitor and up to 4 individual monitoring modules within a 6-position rack assembly.



Preparation priorities

Position schedule	Confirm 3300/05-22-01-00, 6 total positions and 4 measurement-monitor positions after the power and system-monitor positions.
Backplane compatibility	Verify the SDI/DDI-compatible backplane, appropriate power supply, system-monitor type and individual monitor firmware as one system.

Guide boundary

This Apter Power guide organizes preparation and acceptance checks. Apply the manufacturer instructions and approved site procedure for detailed wiring, mounting, configuration and functional testing.

Application boundary

Rack size option 22 provides 6 positions; agency option 01 and mounting option 00 apply to this order code. Monitoring and communication functions depend on the separately configured modules.

Product and installation enquiries

sales13@apterpower.com | +86 18030235313

Apply manufacturer instructions and approved site procedures.

02 / Configuration review before service

Position schedule	Confirm 3300/05-22-01-00, 6 total positions and 4 measurement-monitor positions after the power and system-monitor positions.
Backplane compatibility	Verify the SDI/DDI-compatible backplane, appropriate power supply, system-monitor type and individual monitor firmware as one system.
Installation option	Confirm standard mounting option 00 and agency option 01; preserve the applicable equipment labels and enclosure conditions.
Release verification	Check front/rear module pairing, terminal identification, power and system indications, communication and each affected monitoring channel.

Retain complete option codes

Use the full 3300/05-22-01-00 reference. Rack size, agency approval and mounting options are separate selections and must not be inferred from appearance.

Plan dedicated rack positions

Reserve positions 1 and 2 for the power supply and system monitor. The 4 remaining positions are for individual measurement monitors, not 6 measurement channels.

Mismatch decision

Resolve a different catalog marking, interface, software requirement or installed configuration before proceeding. Physical similarity alone does not establish an approved replacement.

Product and installation enquiries

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Apply manufacturer instructions and approved site procedures.

03 / Hardware and interface checks

Match backplane and supply

Original and SDI/DDI-generation power supplies and backplanes are not freely interchangeable. Identify both assemblies and the PIM before replacement.

Preserve rear-module pairing

Keep each front monitor paired with the correct Signal Input/Relay Module and field connections. Record wiring and point labels before disconnection.

Key hardware references

Product type	Monitoring System Rack
Rack size option	22: 6 positions
Measurement-monitor positions	4, after power supply and system monitor
Backplane family	SDI/DDI compatible

Preserve the connection record

Photograph and label the affected connections before disconnection. Retain the original routing, module positions and identification with the work order, and compare the restored installation against that record.

Product and installation enquiries

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Apply manufacturer instructions and approved site procedures.

04 / Commissioning and diagnostic decisions

Maintain installation clearances

Use the applicable rack mounting drawing and retain rear access for module removal. Isolate the rack and use appropriate ESD precautions during assembly service.

Verify complete system operation

After installation, validate supply and system-monitor indications, monitor firmware compatibility, communication and the affected channel and relay functions before release.

Acceptance checkpoints

Before energization	Verify the SDI/DDI-compatible backplane, appropriate power supply, system-monitor type and individual monitor firmware as one system.
Configuration review	Confirm standard mounting option 00 and agency option 01; preserve the applicable equipment labels and enclosure conditions.
Functional release	Check front/rear module pairing, terminal identification, power and system indications, communication and each affected monitoring channel.

Abnormal result

If diagnostics, communication or functional response differ from the approved baseline, stop the release and resolve the configuration or installation issue. Do not bypass an interlock or protective function to obtain a passing test.

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Apply manufacturer instructions and approved site procedures.

05 / Service record and technical references

Lifecycle and support

The 3300 platform entered its obsolete phase in March 2014, with limited repairs ending in 2017. This platform history is not a unit-specific assessment of remaining service life. Confirm current support and replacement planning for the complete installed configuration with Bently Nevada.

Technical basis

Bently Nevada 3300/05 Rack Specifications and Ordering Information, 141492-01 Rev. F (04/07); 3300 System Compatibility Guide, 104003-01 Rev. G (08/07).

Applicability

Rack size option 22 provides 6 positions; agency option 01 and mounting option 00 apply to this order code. Monitoring and communication functions depend on the separately configured modules.

Related portfolio references

Bently Nevada 3300/26-XX-XX-XX-00-00-01-00

Bently Nevada 3300/65-13-01-00-00-01-00

Bently Nevada 3300/65-13-01-00-00-00-00

Navigation only. These listings are not confirmed replacements, compatible accessories or included items.

Handover record

Retain the complete fitted marking, hardware/software revision where applicable, connection record and accepted test results. Confirm separate accessories and documents in the quotation.

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Apply manufacturer instructions and approved site procedures.