

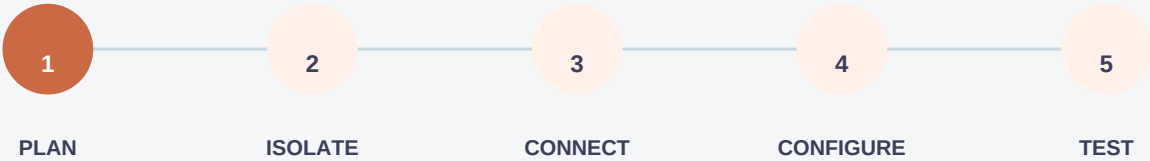
3500/05-01-02-00-00

3500/05 Full-Size System Rack

CONTROLLED ENGINEERING COPY

Bently Nevada 3500/05-01-02-00-00 is a user-specified 3500/05 full-size 19-inch system rack with fourteen module slots and EIA rack mounting. Published values are limited to the documented 01-02-00-00 option segments; the unprovided final option is not inferred.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	3500/05-01-02-00-00
Manufacturer	Bently Nevada
System family	Bently Nevada 3500 System
Record scope	Installation, application and verification



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01 PRE-INSTALLATION PLAN

- 1

Confirm the displayed 3500/05-01-02-00-00 identity and record that the final option is unspecified.
- 2

Place every affected machinery-protection channel in the approved maintenance state.
- 3

Record all module, rear-I/O and power-supply positions before work.
- 4

Verify the full-size 19-inch EIA rack mounting and cabinet support.
- 5

Keep the power supplies and Rack Interface Module in their dedicated positions.

MATCHED HARDWARE

- Bently Nevada 3500/05-01-02-00-00 with exact visible identity
- Matched Bently Nevada 3500 System host
- Documented power, field and communication interfaces
- Approved configuration and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	3500/05-01-02-00-00 recorded
Physical interface	Installed terminals, ports and signals matched to the as-found record
Configuration	Approved host and channel configuration restored
Functional proof	Controlled test confirms housing and interconnecting 3500 power, interface and monitoring modules

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Product type	3500/05 System Rack
Rack-size option	01 - 19-inch full-size rack
Module capacity	14 module slots
Mounting option	02 - Rack mount, full-size rack
Mounting standard	19-inch EIA rack
Agency approval option	00 - None
Reserved option	00 - None
European compliance option	Not specified in supplied model
Power-supply positions	Dedicated positions at the far left of the rack
Rack Interface Module position	Dedicated position adjacent to the power supplies
System function	Mechanical and backplane platform for 3500 power, interface and monitor modules
Half-height support	Available through documented adapter and card-guide hardware
Unused monitor positions	Use the documented full-height or half-height blank cover kit

RELATED PRODUCT PAGES

1

[Siemens 6SE7031-7HG84-1JC2](#)

2

[Siemens 6SE7090-0XX84-1CE0](#)

3

[Siemens 6SE7035-1EJ84-1JC2](#)

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[Siemens 6SE7041-8EK85-0LA0](#)

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[Siemens 6SL3120-2TE21-8AD0](#)

6

[Siemens 6SL3985-6TM00-0AA0](#)

7

[Siemens 6SL3200-0SP06-0AA0](#)

8

[Siemens 6RY1803-0DB02](#)

9

[Siemens C98043-A7107-L4](#)

FIELD NOTE

Confirm 3500/05-01-02-00-00, its exact Bently Nevada 3500 System role, installed position, power, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	3500/05-01-02-00-00
Physical interface	Installed terminals, ports and signals matched to the as-found record
Configuration	Approved host and channel configuration restored
Functional proof	Controlled test confirms housing and interconnecting 3500 power, interface and monitoring modules

04 RETURN-TO-SERVICE RECORD

- ☐ Keep the power supplies and Rack Interface Module in their dedicated positions.
- ☐ Inspect the backplane, module guides, barriers and blank covers.
- ☐ Restore grounding, rack configuration and communication with every monitor.
- ☐ Complete channel diagnostics and controlled protection-path testing before release.

VERIFICATION RECORD

PRODUCT IDENTITY	3500/05-01-02-00-00
INSTALLED POSITION	Documented Bently Nevada 3500 System position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Keep the power supplies and Rack Interface Module in their dedicated positions.
- ☐ Inspect the backplane, module guides, barriers and blank covers.
- ☐ Restore grounding, rack configuration and communication with every monitor.
- ☐ Complete channel diagnostics and controlled protection-path testing before release.

SOURCE IDENTIFIERS

Bently Nevada 3500/05 System Rack Datasheet 141525 Rev. N | Baker Hughes official family and option-code data, 2025