

INDUSTRIAL AUTOMATION PRODUCT

3500/05-01-02-00-00

3500/05 Full-Size System Rack

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.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	Bently Nevada 3500 System
Part number	3500/05-01-02-00-00
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Install 3500/05-01-02-00-00 only in the documented Bently Nevada 3500 System position and preserve its exact wiring, interfaces and configuration. After controlled energization, verify diagnostics and housing and interconnecting 3500 power, interface and monitoring modules before service release.

System Role and Architecture

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.

FUNCTION 1
Full-size 19-inch rack execution

FUNCTION 2
Fourteen monitor-module positions

FUNCTION 3
Rack mounting to a 19-inch EIA frame

FUNCTION 4
Documented 00 agency and reserved options

RELATED APTER POWER PAGES

1 Siemens A5E36717808

2 Siemens A5E36717803

3 Siemens C98043-A1682-L1

4 Siemens 6SE7036-1EE85-1HA0

5 Siemens 6SE7037-0EJ84-1JC2

6 Siemens 6SE7041-8EK85-1MA0

7 Siemens 6SE7041-8GK85-0LA0

8 Siemens 6SL3300-1AH32-5BA0

9 Siemens 6SE7031-7HG84-1JC1

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	Bently Nevada 3500 System
02	Matched Bently Nevada 3500 System host and interfaces
03	Documented power, signal, communication and grounding connections
04	Approved configuration, diagnostics and acceptance record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Bently Nevada 3500 System
Interface role	housing and interconnecting 3500 power, interface and monitoring modules
Field / power context	documented Bently Nevada 3500 System installed position
Commissioning evidence	Identity, wiring, configuration, diagnostics and controlled response recorded

INSTALLATION AND CONNECTION CHECKS

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.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Product type	3500/05 System Rack	European compliance option	Not specified in supplied model
Rack-size option	01 - 19-inch full-size rack	Power-supply positions	Dedicated positions at the far left of the rack
Module capacity	14 module slots	Rack Interface Module position	Dedicated position adjacent to the power supplies
Mounting option	02 - Rack mount, full-size rack	System function	Mechanical and backplane platform for 3500 power,
Mounting standard	19-inch EIA rack	Half-height support	Available through documented adapter and card-guide
Agency approval option	00 - None	Unused monitor positions	Use the documented full-height or half-height blank cover kit
Reserved option	00 - None	Reference publication	3500/05 System Rack Datasheet 141525 Rev. N

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8 Siemens 6SL3300-1AH32-5BA0

9 Siemens 6SE7031-7HG84-1JC1

ENGINEERING BOUNDARY

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.

PRE-INSTALLATION CHECKS

- 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.

Applications and Engineering Context

3500 machinery protection rack

Houses power, interface and monitoring modules in the documented full-size arrangement.

Rack-mounted monitoring cabinet

Installs on approved 19-inch EIA rails with correct support and grounding.

Monitor-system expansion

Provides fourteen positions while preserving dedicated power and interface locations.

Rack replacement commissioning

Restores slot assignments, rear I/O, power distribution and system diagnostics.

TECHNICAL NOTE

Install 3500/05-01-02-00-00 only in the documented Bently Nevada 3500 System position and preserve its exact wiring, interfaces and configuration. After controlled energization, verify diagnostics and housing and interconnecting 3500 power, interface and monitoring modules before service release.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	3500/05-01-02-00-00 recorded
Host / carrier	Bently Nevada 3500 System
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

IMPORTANT NOTICE

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.

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

Siemens A5E36717808

View Siemens A5E36717808 page

2

Siemens A5E36717803

View Siemens A5E36717803 page

3

Siemens C98043-A1682-L1

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4

Siemens 6SE7036-1EE85-1HA0

View Siemens 6SE7036-1EE85-1HA0 page

5

Siemens 6SE7037-0EJ84-1JC2

View Siemens 6SE7037-0EJ84-1JC2 page

6

Siemens 6SE7041-8EK85-1MA0

View Siemens 6SE7041-8EK85-1MA0 page

7

Siemens 6SE7041-8GK85-0LA0

View Siemens 6SE7041-8GK85-0LA0 page

8

Siemens 6SL3300-1AH32-5BA0

View Siemens 6SL3300-1AH32-5BA0 page

9

Siemens 6SE7031-7HG84-1JC1

View Siemens 6SE7031-7HG84-1JC1 page

MANUFACTURER SOURCE RECORD

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

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RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.