

INDUSTRIAL AUTOMATION PRODUCT

3500/05-01-02-01-00-00

3500/05 system rack

Mechanical and backplane host for 3500 modules

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	3500 machinery-protection system
Part number	3500/05-01-02-01-00-00

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Technical Specifications

Technical values below are limited to the named Bently Nevada product record.

PARAMETER	TECHNICAL VALUE
Complete model	3500/05-01-02-01-00-00
Manufacturer	Bently Nevada
Product family	3500 machinery-protection system
Rack size	Full-size rack
Available monitor slots	14
Rack format	Rack mount
Ordering identity	3500/05-01-02-01-00-00
Required left positions	Power supplies and rack interface module
Module communication	Rack backplane

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	3500 machinery-protection system
Companion hardware	documented companion hardware
Field connection	approved field wiring or cabling
Primary system function	Provides fourteen monitor-module slots
Controlled acceptance duty	Continuous machinery monitoring

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System Role and Architecture

Mechanical and backplane host for 3500 modules

FUNCTION 1

Provides fourteen monitor-module slots

FUNCTION 2

Houses the required power supplies and interface module

FUNCTION 3

Enables rack backplane communications

FUNCTION 4

Uses the documented rack-mount format

Matched system components

- 3500 machinery-protection system
- documented companion hardware
- approved field wiring or cabling
- monitoring-system configuration record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	3500 machinery-protection system
Companion hardware	documented companion hardware
Field connection	approved field wiring or cabling
Primary system function	Provides fourteen monitor-module slots
Controlled acceptance duty	Continuous machinery monitoring

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Applications and Engineering Context

Continuous machinery monitoring

Provides fourteen monitor-module slots

Alarm integration

Houses the required power supplies and interface module

Diagnostic review

Enables rack backplane communications

Documented system renewal

Uses the documented rack-mount format

TECHNICAL NOTE

Confirm rack size, mounting format, approvals, backplane condition and all slot assignments before module transfer.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	3500/05-01-02-01-00-00 / 3500/05-01-02-01-00-00 recorded
Physical interface	3500 machinery-protection system
Companion check	documented companion hardware
Functional proof	Provides fourteen monitor-module slots
Application test	Continuous machinery monitoring

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Engineering Precautions

- 1 Verify the complete 3500/05-01-02-01-00-00 marking and the assigned 3500 machinery-protection system position before work.
- 2 Place the connected machinery and monitoring channel in the approved maintenance state before handling 3500/05-01-02-01-00-00.
- 3 Isolate every documented supply and field circuit before disconnecting 3500/05-01-02-01-00-00.
- 4 Record the installed connectors, conductors, cable routing and configuration associated with 3500/05-01-02-01-00-00.
- 5 Use ESD controls and protect exposed connectors, cable ends and keyed interfaces while handling 3500/05-01-02-01-00-00.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 330101 00 16 10 11 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330101 00 16 10 11 05 page
Bently Nevada 330103 00 22 50 12 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330103 00 22 50 12 05 page
Bently Nevada 330103 00 25 05 02 BR	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330103 00 25 05 02 BR page
Bently Nevada 330103 00 16 50 12 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330103 00 16 50 12 05 page
Bently Nevada 330103 00 13 50 12 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330103 00 13 50 12 05 page
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Bently Nevada 31000 00 00 15 051 01 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 31000 00 00 15 051 01 02 page
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MANUFACTURER SOURCE RECORD

3500/05 System Rack Datasheet

141525 Rev. M

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