

APTER POWER

COMPLETE PRODUCT INFORMATION

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

3500/05 system rack

Mechanical and backplane host for 3500 modules

PRODUCT SNAPSHOT

BRAND

Bently Nevada

FAMILY

3500 machinery-protection system

PART

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

PRODUCT TYPE

3500/05 system rack

APTER POWER SALES TEAM

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PRODUCT OVERVIEW

Mechanical and backplane host for 3500 modules

1

Provides fourteen monitor-module slots

2

Houses the required power supplies and interface module

3

Enables rack backplane communications

4

Uses the documented rack-mount format

SYSTEM COMPONENTS

3500 machinery-protection system

documented companion hardware

approved field wiring or cabling

monitoring-system configuration record

TECHNICAL NOTE

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

TECHNICAL DATA

PARAMETER	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

PARAMETER	VALUE
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 NOTE

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

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 21000 00 00 40 040 02 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 21000 00 00 40 040 02 02 page
Bently Nevada CB2W100 032	Related Bently Nevada machinery-monitoring product	View Bently Nevada CB2W100 032 page
Bently Nevada 330180 X1 05 MOD 145004 17	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330180 X1 05 MOD 145004 17 page
Bently Nevada 330901 05 65 05 11 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330901 05 65 05 11 05 page
Bently Nevada 330901 05 45 05 11 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330901 05 45 05 11 05 page
Bently Nevada 330101 02 70 10 11 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330101 02 70 10 11 05 page
Bently Nevada 330101 00 40 10 01 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330101 00 40 10 01 00 page
Bently Nevada 330105 02 12 05 12 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330105 02 12 05 12 00 page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

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

PRODUCT 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.
- 6 Confirm the documented companion hardware and ordering options for 3500/05-01-02-01-00-00 before energizing.
- 7 Restore power in a controlled sequence and review monitor, rack and host diagnostics for 3500/05-01-02-01-00-00.
- 8 Complete a controlled functional test and retain the final acceptance record for 3500/05-01-02-01-00-00.

ENGINEER FAQ

Q1 What rack size is specified for 3500/05-01-02-01-00-00?

For 3500/05-01-02-01-00-00, the documented rack size is Full-size rack.

Q2 What available monitor slots is specified for 3500/05-01-02-01-00-00?

For 3500/05-01-02-01-00-00, the documented available monitor slots is 14.

Q3 What rack format is specified for 3500/05-01-02-01-00-00?

For 3500/05-01-02-01-00-00, the documented rack format is Rack mount.

Q4 What ordering identity is specified for 3500/05-01-02-01-00-00?

For 3500/05-01-02-01-00-00, the documented ordering identity is 3500/05-01-02-01-00-00.

Q5 What required left positions is specified for 3500/05-01-02-01-00-00?

For 3500/05-01-02-01-00-00, the documented required left positions is Power supplies and rack interface module.

Q6 What module communication is specified for 3500/05-01-02-01-00-00?

For 3500/05-01-02-01-00-00, the documented module communication is Rack backplane.

Q7 How is 3500/05-01-02-01-00-00 used in the documented 3500 machinery-protection system?

It is used in the 3500 machinery-protection system to provide mechanical and backplane host for 3500 modules.

Q8 What must be confirmed during final acceptance of 3500/05-01-02-01-00-00?

Confirm the exact ordering identity, documented companion hardware, restored field connections and a controlled functional test of the 3500 machinery-protection system before service release.

SOURCE 3500/05 System Rack Datasheet | 141525 Rev. M

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