

APTER POWER FIELD WORKBOOK

INSTALLATION | APPLICATION | VERIFICATION

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

3500/05 system rack

CONTROLLED ENGINEERING COPY

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

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	3500/05-01-02-01-00-00
Manufacturer part	3500/05-01-02-01-00-00
Hardware type	3500/05-01-02-01-00-00
System family	3500 machinery-protection system



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01 PRE-INSTALLATION PLAN

- 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.

MATCHED HARDWARE

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

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
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

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED 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

FIELD NOTE

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

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	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

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the documented companion hardware and ordering options for 3500/05-01-02-01-00-00 before energizing.
- ☐
- Restore power in a controlled sequence and review monitor, rack and host diagnostics for 3500/05-01-02-01-00-00.
- ☐
- Complete a controlled functional test and retain the final acceptance record for 3500/05-01-02-01-00-00.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

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

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 31000 00 00 15 035 01 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 31000 00 00 15 035 01 02 page
Bently Nevada 31000 00 00 15 039 01 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 31000 00 00 15 039 01 02 page
Bently Nevada 31000 00 00 15 047 01 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 31000 00 00 15 047 01 02 page
Bently Nevada 21000 34 05 00 015 04 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 21000 34 05 00 015 04 02 page
Bently Nevada 21000 34 05 00 056 04 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 21000 34 05 00 056 04 02 page
Bently Nevada 21000 00 00 55 060 03 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 21000 00 00 55 060 03 02 page
Bently Nevada 21000 00 00 00 019 03 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 21000 00 00 00 019 03 02 page
Bently Nevada 21000 00 00 60 028 02 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 21000 00 00 60 028 02 02 page

SOURCE IDENTIFIERS

3500/05 System Rack Datasheet
141525 Rev. M

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