

3500/04 138257-01

3500/04 earthing-module front panel

CONTROLLED ENGINEERING COPY

Do not treat the front panel as the complete earthing I/O module; verify 136719-01 and the rack barrier design separately.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	3500/04 138257-01
Manufacturer part	3500/04 138257-01
Hardware type	3500/04 138257-01
System family	3500 internal-barrier system



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete 3500/04 138257-01 marking and the assigned 3500 internal-barrier system position before work.
- 2

Place the connected machinery and monitoring channel in the approved maintenance state before handling 3500/04 138257-01.
- 3

Isolate every documented supply and field circuit before disconnecting 3500/04 138257-01.
- 4

Record the installed connectors, conductors, cable routing and configuration associated with 3500/04 138257-01.
- 5

Use ESD controls and protect exposed connectors, cable ends and keyed interfaces while handling 3500/04 138257-01.

MATCHED HARDWARE

- 3500 internal-barrier system
- documented companion hardware
- approved field wiring or cabling
- monitoring-system configuration record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	3500/04 138257-01 / 3500/04 138257-01 recorded
Physical interface	3500 internal-barrier system
Companion check	documented companion hardware
Functional proof	Identified as the earthing-module front panel
Application test	Continuous machinery monitoring

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Complete model	3500/04 138257-01
Manufacturer	Bently Nevada
Product family	3500 internal-barrier system
Part number	138257-01
Product role	Earthing Module Front Panel
Associated module	3500/04 Earthing I/O Module
Barrier requirement	Install an IS Earthing Module in each rack containing internal barriers
Termination system	3500 rack internal-barrier arrangement

SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	3500 internal-barrier system
Companion hardware	documented companion hardware
Field connection	approved field wiring or cabling
Primary system function	Identified as the earthing-module front panel
Controlled acceptance duty	Continuous machinery monitoring

FIELD NOTE

Do not treat the front panel as the complete earthing I/O module; verify 136719-01 and the rack barrier design separately.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	3500/04 138257-01 / 3500/04 138257-01 recorded
Physical interface	3500 internal-barrier system
Companion check	documented companion hardware
Functional proof	Identified as the earthing-module front panel
Application test	Continuous machinery monitoring

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the documented companion hardware and ordering options for 3500/04 138257-01 before energizing.
- ☐
- Restore power in a controlled sequence and review monitor, rack and host diagnostics for 3500/04 138257-01.
- ☐
- Complete a controlled functional test and retain the final acceptance record for 3500/04 138257-01.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	3500/04 138257-01
INSTALLED POSITION	Documented 3500 internal-barrier 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 330173 00 04 20 12 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330173 00 04 20 12 05 page
Bently Nevada 330130 030 12 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330130 030 12 05 page
Bently Nevada 32000 29 05 04 090 07 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 32000 29 05 04 090 07 02 page
Bently Nevada 32000 30 10 00 095 02 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 32000 30 10 00 095 02 02 page
Bently Nevada 32000 30 05 10 088 07 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 32000 30 05 10 088 07 02 page
Bently Nevada 16925 70	Related Bently Nevada machinery-monitoring product	View Bently Nevada 16925 70 page
Bently Nevada 330905 00 18 05 02 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330905 00 18 05 02 00 page
Bently Nevada 330102 10 40 10 02 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330102 10 40 10 02 00 page

SOURCE IDENTIFIERS

3500/04 Internal Barriers Datasheet
141495

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