

INDUSTRIAL AUTOMATION PRODUCT

3500/04 138257-01

3500/04 earthing-module front panel

Earthing-module front-panel interface

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	3500 internal-barrier system
Part number	3500/04 138257-01

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Technical Specifications

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

PARAMETER	TECHNICAL 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

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED 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

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System Role and Architecture

Earthing-module front-panel interface

FUNCTION 1

Identified as the earthing-module front panel

FUNCTION 2

Supports the 3500 internal-barrier arrangement

FUNCTION 3

Requires the associated earthing I/O module

FUNCTION 4

Must be matched to the installed rack design

Matched system components

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

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
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

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Applications and Engineering Context

Continuous machinery monitoring

Identified as the earthing-module front panel

Alarm integration

Supports the 3500 internal-barrier arrangement

Diagnostic review

Requires the associated earthing I/O module

Documented system renewal

Must be matched to the installed rack design

TECHNICAL NOTE

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

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	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

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Engineering Precautions

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.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 330190 040 00 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330190 040 00 05 page
Bently Nevada 330101 00 70 10 02 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330101 00 70 10 02 05 page
Bently Nevada 330880 28 15 042 00 02	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330880 28 15 042 00 02 page
Bently Nevada 330180 X1 05 MOD 145193 15	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330180 X1 05 MOD 145193 15 page
Bently Nevada 146054 010 20 02 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 146054 010 20 02 05 page
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Bently Nevada 330171 00 08 90 01 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330171 00 08 90 01 05 page
Bently Nevada 84510 70	Related Bently Nevada machinery-monitoring product	View Bently Nevada 84510 70 page

MANUFACTURER SOURCE RECORD

3500/04 Internal Barriers Datasheet

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