Bently Nevada 3500/61 136711-02 identifies the 3500/61 RTD/thermocouple I/O module with internal barriers and internal terminations. It supports the six-channel temperature monitor execution that provides recorder outputs for each channel.

Exact identity

Composite Identity	3500/61 136711-02
I/O Part	136711-02
Host	3500/61 temperature monitor
Execution	Internal barriers; internal terminations; non-isolated

Installed context

Exact item	Installed context	Acceptance
3500/61 136711-02	Mating component or rack position	Machine-specific functional check

Bearing temperature

Terminate approved RTD or thermocouple channels for bearing metal monitoring.

Process temperature

Condition six machine-related temperature inputs for rack alarming.

Recorder integration

Use the 3500/61 recorder outputs for each configured temperature channel.

Barriered field wiring

Maintain the internal-barrier and internal-termination architecture during service.

Related models

Bently Nevada 128031-01	Related portfolio reference; verify the complete execution.
Bently Nevada 128718-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/25 125800-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/50 133388-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/60 163179-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/64M 176449-05	Related portfolio reference; verify the complete execution.

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Manufacturer-supported characteristics

Host Monitor	3500/61 six-channel temperature monitor
Part Number	136711-02
I/O Function	RTD/TC input module
Barrier	Internal barriers
Termination	Internal terminations
Isolation	Not isolated

Additional data

Recorder Outputs	Six, provided by the 3500/61 monitor
Supported Inputs	Configured RTD or thermocouple types listed by the monitor
Rack Position	Rear I/O position behind the associated monitor
Configuration Tool	3500 Rack Configuration Software
Alarm Functions	User-programmable Alert and Danger setpoints
Acceptance Focus	Channel wiring, sensor type, recorder output and alarm response

Interpretation boundary

Keep 136711-02 with its documented 3500/61 host; do not confuse it with 136711-01 for the 3500/60 execution.

Evidence discipline

Unverified weight, dimensions and suffix meanings are intentionally omitted. Confirm them only from the exact manufacturer record or nameplate.

Related models

Bently Nevada 128031-01	Related portfolio reference; verify the complete execution.
Bently Nevada 128718-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/25 125800-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/50 133388-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/60 163179-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/64M 176449-05	Related portfolio reference; verify the complete execution.

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01 / Field precaution

Verify both 3500/61 and 136711-02 on the installed assembly.

02 / Field precaution

Do not substitute 136711-01, which belongs to the 3500/60 monitor.

03 / Field precaution

Record each sensor type, channel assignment and conductor position before removal.

04 / Field precaution

Apply the approved process and rack isolation procedure before field wiring work.

05 / Field precaution

Preserve the internal-barrier and internal-termination arrangement.

06 / Field precaution

Inspect the rear connector and terminal condition before insertion.

07 / Field precaution

Restore recorder-output routing and channel configuration exactly.

08 / Field precaution

Verify sensor reading, fault indication, recorder output and alarm response before release.

Acceptance checkpoints

Identity	Full model and nameplate recorded
Mechanical	Mounting, enclosure and routing inspected
Electrical	Power, loop or cable checks follow the applicable source
Integration	Mating components and system length confirmed
Acceptance	Machine-specific functional result recorded

Related models

Bently Nevada 128031-01	Related portfolio reference; verify the complete execution.
Bently Nevada 128718-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/25 125800-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/50 133388-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/60 163179-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/64M 176449-05	Related portfolio reference; verify the complete execution.

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What is Bently Nevada 3500/61 136711-02?

It is the 3500/61 RTD/TC I/O module with internal barriers and internal terminations.

Is Bently Nevada 3500/61 136711-02 isolated?

The manufacturer lists this internal-barrier execution as non-isolated.

How many temperature channels are associated with Bently Nevada 3500/61 136711-02?

The 3500/61 monitor provides six configured RTD or thermocouple channels.

Does Bently Nevada 3500/61 136711-02 support recorder outputs?

Yes. The 3500/61 host provides one recorder output for each of its six channels.

Can 136711-01 replace Bently Nevada 3500/61 136711-02?

No. 136711-01 is listed for the 3500/60 monitor; 136711-02 is the 3500/61 execution.

Which termination style belongs to Bently Nevada 3500/61 136711-02?

It uses internal terminations and does not require an external termination block.

What configuration must be restored after replacement?

Restore the sensor type, channel range, Alert and Danger setpoints and recorder-output mapping.

What confirms commissioning of Bently Nevada 3500/61 136711-02?

All affected channels must show correct temperature, wiring-fault behavior, recorder output and alarm response.

Related models

Bently Nevada 128031-01	Related portfolio reference; verify the complete execution.
Bently Nevada 128718-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/25 125800-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/50 133388-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/60 163179-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/64M 176449-05	Related portfolio reference; verify the complete execution.

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Evidence record

Manufacturer	Bently Nevada, a Baker Hughes company
Reference	3500/60 and 3500/61 Temperature Modules Datasheet 141540 Rev. L
Exact identifier	3500/61 136711-02
Evidence boundary	Only directly supported family and ordering statements are used

Related models

Bently Nevada 128031-01	Related portfolio reference; verify the complete execution.
Bently Nevada 128718-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/25 125800-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/50 133388-02	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/60 163179-01	Related portfolio reference; verify the complete execution.
Bently Nevada 3500/64M 176449-05	Related portfolio reference; verify the complete execution.

Recommendation rule

Brand + model links identify related product pages. They do not claim compatibility or substitution.

Service record

Retain exact identity, installed point, companion components, as-found condition, inspection evidence and machine-specific acceptance result.

Manufacturer evidence

141540 Rev. L: monitor function pp. 1-2; input and environmental specifications pp. 2-6; 3500/61 ordering and exact 136711-02 spare identity pp. 7-9.

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