Bently Nevada 107540-01A

Complete Product Information

The assembly belongs to the rack power-conversion path and must remain matched to the installed supply hardware, wiring and input configuration.

WHAT THIS PRODUCT DOES

Bently Nevada 107540-01A is a transformer assembly used within a 3300 Series power-supply installation.

Product characteristic 1

Forms part of the 3300 rack power-conversion assembly.

Product characteristic 2

Provides transformer isolation and voltage conversion for the supply path.

Product characteristic 3

Requires exact matching to the installed supply wiring.

Product characteristic 4

Supports controlled verification of rack power rails after replacement.

PRODUCT-PAGE TECHNICAL SNAPSHOT

System family	3300 monitoring rack
Assembly role	Power-supply transformer
Electrical path	Rack input power conversion
Installation location	3300 power-supply assembly

IMPORTANT NOTICE

Record the installed 107540-01A interfaces and configuration before removal, then prove the monitored value, status and alarm path after installation.

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Features and technical data

TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

System family	3300 monitoring rack
Assembly role	Power-supply transformer
Electrical path	Rack input power conversion
Installation location	3300 power-supply assembly
Interface check	Primary and secondary wiring positions
Protection check	Fuses, insulation and protective grounding
Replacement rule	Match the installed supply revision
Acceptance method	Verify rack rails and supply status under controlled power

FEATURE INTERPRETATION

Product identity

Forms part of the 3300 rack power-conversion assembly.

System role

Provides transformer isolation and voltage conversion for the supply path.

Service context

Requires exact matching to the installed supply wiring.

Return-to-service focus

Supports controlled verification of rack power rails after replacement.

SIGNAL OR CONTROL PATH

Field device → **Product interface** → **System channel** → **Verified response**

Use 107540-01A only in the documented monitoring chain and verify the complete signal path after controlled replacement.

PRODUCT-PAGE TECHNICAL QUESTIONS

How is system family tested on Bently Nevada 107540-01A?	The documented system family is 3300 monitoring rack; confirm it against the installed record.
Which record preserves assembly role for Bently Nevada 107540-01A?	The documented assembly role is Power-supply transformer; confirm it against the installed record.
Which electrical path applies to Bently Nevada 107540-01A?	The documented electrical path is Rack input power conversion; confirm it against the installed record.

Common applications

The application groups below reproduce the model-specific uses presented on the product page and connect each use to a practical verification point.

Rack power restoration

Replaces a transformer assembly in a 3300 supply.

Preventive maintenance

Addresses heat or insulation degradation found during inspection.

Legacy system support

Maintains an existing 3300 monitoring rack.

Commissioning

Restores and verifies the rack supply path.

APPLICATION VERIFICATION MAP

Rack power restoration	Confirm the documented system position and the required operating function.
Preventive maintenance	Compare the restored connection or control path with the approved record.
Legacy system support	Check the physical interface and the retained configuration before startup.
Commissioning	Record diagnostics and the final controlled response before release.

INFORMATION CARRIED INTO THE WORK RECORD

Identity record

Complete marking and assigned system position.

Connection record

Connector, conductor and interface arrangement as found.

Configuration record

Controlled settings, application data and option state.

Acceptance record

Observed status, response and release decision.

IMPORTANT NOTICE

Use the complete product identifier for every application review; a related product link does not establish interchangeability.

APPLICATION QUESTIONS

Which electrical path applies to Bently Nevada 107540-01A?	The documented electrical path is Rack input power conversion; confirm it against the installed record.
How is installation location set on Bently Nevada 107540-01A?	The documented installation location is 3300 power-supply assembly; confirm it against the installed record.
What interface check belongs to Bently Nevada 107540-01A?	The documented interface check is Primary and secondary wiring positions; confirm it against the installed record.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

01	Confirm the complete 107540-01A marking and the documented 3300 power supply transformer assembly position.
02	Place the affected machine protection channel in the approved maintenance state.
03	Record the installed system family, assembly role and electrical path before removal.
04	De-energize the associated monitor, sensor supply or field circuit as the procedure requires.
05	Label every connector, conductor and shield before separation.
06	Inspect mating contacts, mounting hardware and cable condition before installation.
07	Restore the retained configuration and verify signal polarity and proportional response.
08	Function-test the complete alarm, indication and shutdown path before returning the machine to service.

FREQUENTLY ASKED TECHNICAL QUESTIONS

How is system family tested on Bently Nevada 107540-01A?	The documented system family is 3300 monitoring rack; confirm it against the installed record.
Which record preserves assembly role for Bently Nevada 107540-01A?	The documented assembly role is Power-supply transformer; confirm it against the installed record.
Which electrical path applies to Bently Nevada 107540-01A?	The documented electrical path is Rack input power conversion; confirm it against the installed record.
How is installation location set on Bently Nevada 107540-01A?	The documented installation location is 3300 power-supply assembly; confirm it against the installed record.

IMPORTANT NOTICE	Confirm the complete 107540-01A identity and every mating interface before installation.

RELEASE CHECKLIST

Identity accepted	The complete product marking and assigned system position agree.
Interfaces accepted	Connections, retention and controlled configuration match the recorded condition.
Response accepted	Diagnostics and the intended technical response have been documented.

FAQ, document reference and related models

ADDITIONAL TECHNICAL QUESTIONS

What interface check belongs to Bently Nevada 107540-01A?	The documented interface check is Primary and secondary wiring positions; confirm it against the installed record.
Why verify protection check for Bently Nevada 107540-01A?	The documented protection check is Fuses, insulation and protective grounding; confirm it against the installed record.
Where is replacement rule used by Bently Nevada 107540-01A?	The documented replacement rule is Match the installed supply revision; confirm it against the installed record.
What controls acceptance method on Bently Nevada 107540-01A?	The documented acceptance method is Verify rack rails and supply status under controlled power; confirm it against the installed record.

MANUFACTURER DOCUMENT REFERENCE

Manufacturer document	ApterPower product-specific technical reference
Application scope	The values below apply to the identified product and its documented system relationship.
Selection rule	Use the complete ordering string and confirm the installed interfaces before selection.

RELATED MODELS ON APTERPOWER

Bently Nevada 3500/61 136711-02	Related product reference. Review the complete ordering string before selection.
Bently Nevada 170180-01-00	Related product reference. Compare the required interface and system position.
Bently Nevada 1900/65	Related product reference. Confirm the execution independently for the intended task.

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