Bently Nevada 107540-01A

Technical Reference

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

PRODUCT ROLE AND TECHNICAL FEATURES

Feature 1

Forms part of the 3300 rack power-conversion assembly.

Feature 2

Provides transformer isolation and voltage conversion for the supply path.

Feature 3

Requires exact matching to the installed supply wiring.

Feature 4

Supports controlled verification of rack power rails after replacement.

TECHNICAL DATA SNAPSHOT

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

SYSTEM RELATIONSHIP

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

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Technical profile

Technical values for the complete product string are arranged below for selection and engineering review.

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

SELECTION ANCHORS

- Forms part of the 3300 rack power-conversion assembly.
- Provides transformer isolation and voltage conversion for the supply path.
- Requires exact matching to the installed supply wiring.
- Supports controlled verification of rack power rails after replacement.

IMPORTANT NOTICE	Use the values as one matched configuration. Do not substitute a nearby ordering code without a separate check.

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.

ADDITIONAL ENGINEERING CHECKS

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.

System role and architecture

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

APPLICATION POINTS

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.

INTEGRATION RECORD

Identity	Record the complete marking and installed position.
Mechanical interface	Confirm mounting, support, clearance and connector engagement.
Electrical interface	Confirm signal path, shield, common and receiving-channel assignment.
Configuration	Retain the controlled channel settings and acceptance criteria.
Functional result	Record the expected static value, dynamic response and system status.

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

ENGINEERING REVIEW 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.

Engineering checks and acceptance

PRODUCT 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.

RELEASE CHECKS

Exact identity	Product marking and intended system position agree.
Interface condition	Mounting, connectors, terminals and cable routing are secure.
Signal response	The expected static and dynamic behavior has been observed.
Protection state	Channel status, alarms and controlled bypass state are restored.

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

APPLICATION BOUNDARIES

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.

Technical questions and related models

MODEL-SPECIFIC 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.
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.

RELATED MODELS ON APTERPOWER

Bently Nevada 330750-40	Related product reference. Review the complete ordering string before selection.
Bently Nevada 330180-X2-05	Related product reference. Compare the required interface and system position.
Bently Nevada 330850-51-00	Related product reference. Confirm the execution independently for the intended task.

DOCUMENT AND SELECTION RECORD

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.

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