Bently Nevada 88984-02

Installation & Commissioning Guide

Bently Nevada 88984-02 is the dual epoxy relay module with internal barriers used in a compatible 3300 monitor assembly.

PRODUCT ROLE AND TECHNICAL FEATURES

Feature 1

Uses two epoxy-sealed relay channels.

Feature 2

Carries the internal-barrier relay option.

Feature 3

Supports separate alarm or trip contact duties.

Feature 4

Requires proof of coil actuation and contact transfer on both channels.

TECHNICAL DATA SNAPSHOT

System family	3300 monitoring system
Relay arrangement	Dual epoxy relays
Barrier arrangement	Internal barriers
Channel count	Two relay channels

SYSTEM RELATIONSHIP

Input condition → **Module logic** → **Relay contact** → **Field circuit**

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Pre-installation readiness

READINESS GATE

Identity

Compare the complete marking with the approved work order and installed record.

System match

Confirm the receiving channel, mating components and controlled configuration.

Physical condition

Inspect mounting surfaces, connectors, terminals, cable and support hardware.

Work controls

Apply authorized isolation, bypass, access and restoration procedures.

TECHNICAL PROFILE FOR THE WORK

System family 3300 monitoring system	**Relay arrangement** Dual epoxy relays
Barrier arrangement Internal barriers	**Channel count** Two relay channels
Output function Alarm or shutdown contact switching	**Construction feature** Epoxy-sealed relay assembly
Installation rule Retain the documented monitor and relay option	**Acceptance method** Prove both relay coils, contacts and field circuits

IMPORTANT NOTICE Resolve every unmatched interface, configuration or receiving-system condition before removal or installation.

DOCUMENT AND WORK CONTROLS

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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Installation sequence

CONTROLLED WORK STEPS

01	Confirm the complete 88984-02 marking and the documented dual epoxy relay module with internal barriers position.
02	Place the affected machine protection channel in the approved maintenance state.
03	Record the installed system family, relay arrangement and barrier arrangement 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.

CONNECTION RECORD

As found	Photograph and label every connection and installed orientation before removal.
Mechanical	Record mounting position, support, clearance and connector engagement.
Electrical	Record polarity, common, shield, channel assignment and cable route.
Configuration	Preserve approved settings, scaling, alarm logic and acceptance limits.
As left	Record the final physical condition and any controlled deviation.

Input condition → **Module logic** → **Relay contact** → **Field circuit**

WORK HOLD POINTS

Before removal	Identity, position, wiring, orientation and controlled settings recorded.
Before connection	Mating interfaces, condition and routing reviewed.
Before power-up	Mechanical work, wiring, shielding and configuration independently checked.
Before release	Static value, dynamic response and protection behavior accepted.

Commissioning and functional proof

COMMISSIONING SEQUENCE

Initial state

Observe status at power-up and check for unexpected fault or alarm indication.

Static value

Verify the expected bias, gap, loop, contact or channel value for the application.

Dynamic response

Apply the approved machine or test stimulus and confirm response and scaling.

Protection path

Verify the configured alarm, relay, data or receiving-system behavior.

APPLICATION-SPECIFIC CHECKS

Machine alarm output

Drives remote annunciation circuits.

Protective trip output

Interfaces monitor logic to shutdown wiring.

Legacy relay renewal

Replaces the specified dual epoxy assembly.

Maintenance verification

Confirms contact transfer and field continuity.

ACCEPTANCE RECORD

Identity	Complete marking and final installed position recorded.
Physical inspection	Mounting, connectors, terminals and routing checked.
Channel status	Expected status and configured measurement confirmed.
Functional test	Required output or protection response demonstrated.
Restoration	Bypasses removed and operating state approved.

COMMISSIONING QUESTIONS

Which system family applies to Bently Nevada 88984-02?	The documented system family is 3300 monitoring system; confirm it against the installed record.
How is relay arrangement set on Bently Nevada 88984-02?	The documented relay arrangement is Dual epoxy relays; confirm it against the installed record.

Release record and technical references

CLOSEOUT QUESTIONS

What barrier arrangement belongs to Bently Nevada 88984-02?	The documented barrier arrangement is Internal barriers; confirm it against the installed record.
Why verify channel count for Bently Nevada 88984-02?	The documented channel count is Two relay channels; confirm it against the installed record.
Where is output function used by Bently Nevada 88984-02?	The documented output function is Alarm or shutdown contact switching; confirm it against the installed record.
What controls construction feature on Bently Nevada 88984-02?	The documented construction feature is Epoxy-sealed relay assembly; confirm it against the installed record.
How is installation rule tested on Bently Nevada 88984-02?	The documented installation rule is Retain the documented monitor and relay option; confirm it against the installed record.
Which record preserves acceptance method for Bently Nevada 88984-02?	The documented acceptance method is Prove both relay coils, contacts and field circuits; confirm it against the installed record.

RELATED MODELS FOR INSTALLATION PLANNING

Bently Nevada 330505-02-02-02	Installation-planning reference. Review the complete ordering string before selection.
Bently Nevada 3300/03	Installation-planning reference. Compare the required interface and system position.
Bently Nevada 3500/94M 184826-01	Installation-planning reference. Confirm the execution independently for the intended task.

MANUFACTURER DOCUMENT AND FINAL CONTROL

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.

IMPORTANT NOTICE	Release the equipment only after the responsible site authority accepts the recorded result.

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