Bently Nevada 88843-04

Technical Reference

Bently Nevada 88843-04 is a dual hermetic relay assembly with internal barriers for a compatible 3300 monitor configuration.

PRODUCT ROLE AND TECHNICAL FEATURES

Feature 1

Provides two sealed relay channels.

Feature 2

Includes internal barrier circuitry for the documented monitor option.

Feature 3

Converts monitor alarm logic into field-contact action.

Feature 4

Requires channel-by-channel proof testing after installation.

TECHNICAL DATA SNAPSHOT

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

SYSTEM RELATIONSHIP

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

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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 system
Relay arrangement	Dual hermetic relays
Barrier arrangement	Internal barriers
Channel count	Two independent relay channels
Output function	Monitor alarm or trip contact switching
Contact verification	Continuity and isolation test
Installation rule	Match the monitor option and rear interface
Acceptance method	Exercise both relay paths from monitor logic to field terminal

SELECTION ANCHORS

- Provides two sealed relay channels.
- Includes internal barrier circuitry for the documented monitor option.
- Converts monitor alarm logic into field-contact action.
- Requires channel-by-channel proof testing after installation.

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

What controls installation rule on Bently Nevada 88843-04?	The documented installation rule is Match the monitor option and rear interface; confirm it against the installed record.
How is acceptance method tested on Bently Nevada 88843-04?	The documented acceptance method is Exercise both relay paths from monitor logic to field terminal; confirm it against the installed record.

System role and architecture

Input condition → Module logic → Relay contact → Field circuit

APPLICATION POINTS

Alarm annunciation

Switches remote alarm circuits.

Shutdown interface

Provides relay contacts for a controlled trip path.

Legacy monitor repair

Restores the specified relay option.

Channel proof testing

Verifies each independent contact 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 88843-04 only in the documented monitoring chain and verify the complete signal path after controlled replacement.

ENGINEERING REVIEW QUESTIONS

Which record preserves system family for Bently Nevada 88843-04?	The documented system family is 3300 monitoring system; confirm it against the installed record.
Which relay arrangement applies to Bently Nevada 88843-04?	The documented relay arrangement is Dual hermetic relays; confirm it against the installed record.
How is barrier arrangement set on Bently Nevada 88843-04?	The documented barrier arrangement is Internal barriers; confirm it against the installed record.
What channel count belongs to Bently Nevada 88843-04?	The documented channel count is Two independent relay channels; confirm it against the installed record.

Engineering checks and acceptance

PRODUCT PRECAUTIONS

01	Confirm the complete 88843-04 marking and the documented dual hermetic 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.

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 88843-04 identity and every mating interface before installation.

APPLICATION BOUNDARIES

Alarm annunciation	Switches remote alarm circuits.
Shutdown interface	Provides relay contacts for a controlled trip path.
Legacy monitor repair	Restores the specified relay option.
Channel proof testing	Verifies each independent contact path.

Technical questions and related models

MODEL-SPECIFIC QUESTIONS

Which record preserves system family for Bently Nevada 88843-04?	The documented system family is 3300 monitoring system; confirm it against the installed record.
Which relay arrangement applies to Bently Nevada 88843-04?	The documented relay arrangement is Dual hermetic relays; confirm it against the installed record.
How is barrier arrangement set on Bently Nevada 88843-04?	The documented barrier arrangement is Internal barriers; confirm it against the installed record.
What channel count belongs to Bently Nevada 88843-04?	The documented channel count is Two independent relay channels; confirm it against the installed record.
Why verify output function for Bently Nevada 88843-04?	The documented output function is Monitor alarm or trip contact switching; confirm it against the installed record.
Where is contact verification used by Bently Nevada 88843-04?	The documented contact verification is Continuity and isolation test; confirm it against the installed record.

RELATED MODELS ON APTERPOWER

Bently Nevada 170180-01-00	Related product reference. Review the complete ordering string before selection.
Bently Nevada 1900/65	Related product reference. Compare the required interface and system position.
Bently Nevada 990-05-50-01-05	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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