

INDUSTRIAL AUTOMATION PRODUCT

84152-01 ASSY83729-01

3300/16 Quad Relay Module Assembly

Bently Nevada 84152-01 ASSY83729-01 is a quad-relay spare module assembly for the 3300/16 XY/Gap Dual Vibration Monitor. It provides four epoxy-sealed relay outputs and requires external series wiring when AND voting is used.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	Bently Nevada 3300 Monitoring System
Part number	84152-01 ASSY83729-01
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Install 84152-01 ASSY83729-01 only in the documented Bently Nevada 3300 Monitoring System position. Preserve the exact mating interfaces and option settings, then verify diagnostics and quad-relay alert and danger output interfacing for a matched 3300/16 XY/Gap monitor under controlled conditions.

System Role and Architecture

Bently Nevada 84152-01 ASSY83729-01 is a quad-relay spare module assembly for the 3300/16 XY/Gap Dual Vibration Monitor. It provides four epoxy-sealed relay outputs and requires external series wiring when AND voting is used.

FUNCTION 1
3300/16 Quad Relay Module Assembly

FUNCTION 2
ASSY83729-01

FUNCTION 3
Quad relays, epoxy-sealed

FUNCTION 4
Quad-relay alert and danger output interfacing for a matched 3300/16 xy/gap monitor

RELATED APTER POWER PAGES		
1	Bently Nevada 330101-00-40-10-02-05	2
2	Bently Nevada 330101-00-40-10-02-00	3
3	Bently Nevada 330101-00-40-05-02-00	4
4	Bently Nevada 330101-00-30-10-02-05	5
5	Bently Nevada 330101-00-30-10-02-00	6
6	Bently Nevada 330101-00-20-05-02-00	7
7	Bently Nevada 330101-00-16-10-02-00	8
8	Bently Nevada 330101-00-12-10-02-00	9
9	Bently Nevada 330101-00-08-10-02-05	

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	Bently Nevada 3300 Monitoring System
02	Matched Bently Nevada host monitor, rack or rear module
03	Documented connectors, field wiring, alarm contacts and shielding
04	Approved option settings, configuration and acceptance record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Bently Nevada 3300 Monitoring System
Interface role	quad-relay alert and danger output interfacing for a matched 3300/16 XY/Gap monitor
Field / power context	documented Bently Nevada machinery-monitoring rack position
Commissioning evidence	Identity, option settings, diagnostics and controlled functional response recorded

INSTALLATION AND CONNECTION CHECKS

- 1

Confirm the complete 84152-01 ASSY83729-01 marking and the documented 3300/16 Quad Relay Module Assembly execution.
- 2

Place the machinery-protection system and connected process in the approved maintenance state.
- 3

Isolate rack power and field circuits, prove the safe state and apply ESD controls.
- 4

Record the rack position, mating hardware, connectors, alarm wiring and as-found configuration.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Spare relay module	84152-01	AND voting implementation	External series wiring required
Assembly marking	ASSY83729-01	Alert relay mode	Normally de-energized or normally energized
Relay construction	Quad relays, epoxy-sealed	Danger relay mode	Normally de-energized or normally energized
Parent monitor	3300/16 XY/Gap Dual Vibration Monitor	Alert reset	Latching or nonlatching
ATEX spare option	84152-02	Danger reset	Latching or nonlatching
Internal barrier compatibility	Not available with internal safety barriers	Alarm time delay	0.1, 1, 3, or 6 seconds

RELATED PRODUCT PAGES

1 Bently Nevada
330101-00-40-10-02-05

2 Bently Nevada
330101-00-40-10-02-00

3 Bently Nevada
330101-00-40-05-02-00

4 Bently Nevada
330101-00-30-10-02-05

5 Bently Nevada
330101-00-30-10-02-00

6 Bently Nevada
330101-00-20-05-02-00

7 Bently Nevada
330101-00-16-10-02-00

8 Bently Nevada
330101-00-12-10-02-00

9 Bently Nevada
330101-00-08-10-02-05

ENGINEERING BOUNDARY

Confirm 84152-01 ASSY83729-01, its exact Bently Nevada 3300 Monitoring System host, installed position, mating hardware, wiring, alarm logic, configuration, diagnostics and controlled acceptance evidence before release.

PRE-INSTALLATION CHECKS

- 1

Confirm the complete 84152-01 ASSY83729-01 marking and the documented 3300/16 Quad Relay Module Assembly execution.
- 2

Place the machinery-protection system and connected process in the approved maintenance state.
- 3

Isolate rack power and field circuits, prove the safe state and apply ESD controls.
- 4

Record the rack position, mating hardware, connectors, alarm wiring and as-found configuration.

Applications and Engineering Context

Matched 3300/3500 rack service

Restores quad-relay alert and danger output interfacing for a matched 3300/16 XY/Gap monitor in the documented machinery-monitoring architecture.

Exact-execution replacement

Uses the complete 84152-01 ASSY83729-01 identity instead of a neighboring option or revision.

Machinery-protection refurbishment

Preserves the installed host position, connectors, alarm logic and approved configuration.

Controlled recommissioning

Confirms hardware identity, diagnostics and the affected protection function before return to operation.

TECHNICAL NOTE

Install 84152-01 ASSY83729-01 only in the documented Bently Nevada 3300 Monitoring System position. Preserve the exact mating interfaces and option settings, then verify diagnostics and quad-relay alert and danger output interfacing for a matched 3300/16 XY/Gap monitor under controlled conditions.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	84152-01 ASSY83729-01 recorded
Host / carrier	Bently Nevada 3300 Monitoring System
Physical interface	Installed mating hardware and field interfaces match the as-found record
Configuration	Approved monitor and alarm configuration restored
Functional proof	Controlled test confirms quad-relay alert and danger output interfacing for a matched 3300/16 XY/Gap monitor

IMPORTANT NOTICE

Confirm 84152-01 ASSY83729-01, its exact Bently Nevada 3300 Monitoring System host, installed position, mating hardware, wiring, alarm logic, configuration, diagnostics and controlled acceptance evidence before release.

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

Bently Nevada 330101-00-40-10-02-05

View Bently Nevada 330101-00-40-10-02-05 page

2

Bently Nevada 330101-00-40-10-02-00

View Bently Nevada 330101-00-40-10-02-00 page

3

Bently Nevada 330101-00-40-05-02-00

View Bently Nevada 330101-00-40-05-02-00 page

4

Bently Nevada 330101-00-30-10-02-05

View Bently Nevada 330101-00-30-10-02-05 page

5

Bently Nevada 330101-00-30-10-02-00

View Bently Nevada 330101-00-30-10-02-00 page

6

Bently Nevada 330101-00-20-05-02-00

View Bently Nevada 330101-00-20-05-02-00 page

7

Bently Nevada 330101-00-16-10-02-00

View Bently Nevada 330101-00-16-10-02-00 page

8

Bently Nevada 330101-00-12-10-02-00

View Bently Nevada 330101-00-12-10-02-00 page

9

Bently Nevada 330101-00-08-10-02-05

View Bently Nevada 330101-00-08-10-02-05 page

MANUFACTURER SOURCE RECORD

3300/16 XY/GAP Dual Vibration Monitor, Specifications and Ordering Information 141498-01 Rev. J | Bently Nevada manufacturer document supplied by the user and verified 28 September 2026

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RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.