

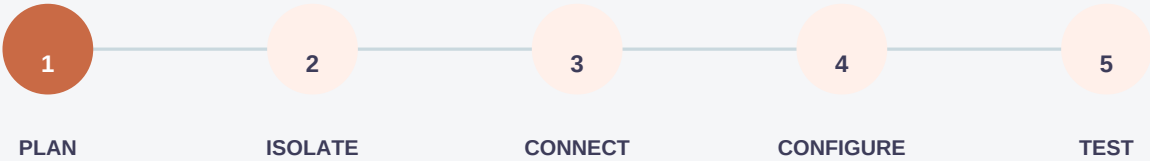
84152-01 ASSY83729-01

3300/16 Quad Relay Module Assembly

CONTROLLED ENGINEERING COPY

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.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	84152-01 ASSY83729-01
Manufacturer	Bently Nevada
System family	Bently Nevada 3300 Monitoring System
Record scope	Installation, application and verification



APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

01 PRE-INSTALLATION PLAN

- 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.
- 5

Verify every option and limit against the exact manufacturer ordering or spare-parts record.

MATCHED HARDWARE

- 84152-01 ASSY83729-01 with complete article identity
- Matched Bently Nevada host module or rack position
- Documented connectors, wiring and alarm interfaces
- Approved configuration, diagnostics and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	84152-01 ASSY83729-01 recorded
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

02 WIRING & INTERFACE CHECKS

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

RELATED PRODUCT PAGES

1

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

2

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

3

Bently Nevada
3500-05-01-02-01-00-01

4

Bently Nevada 330130-070-00-05

5

Bently Nevada 330130-040-03-00

6

Bently Nevada 330130-035-00-05

7

Bently Nevada 330130-080-13-05

8

Bently Nevada 330130-046-00-06

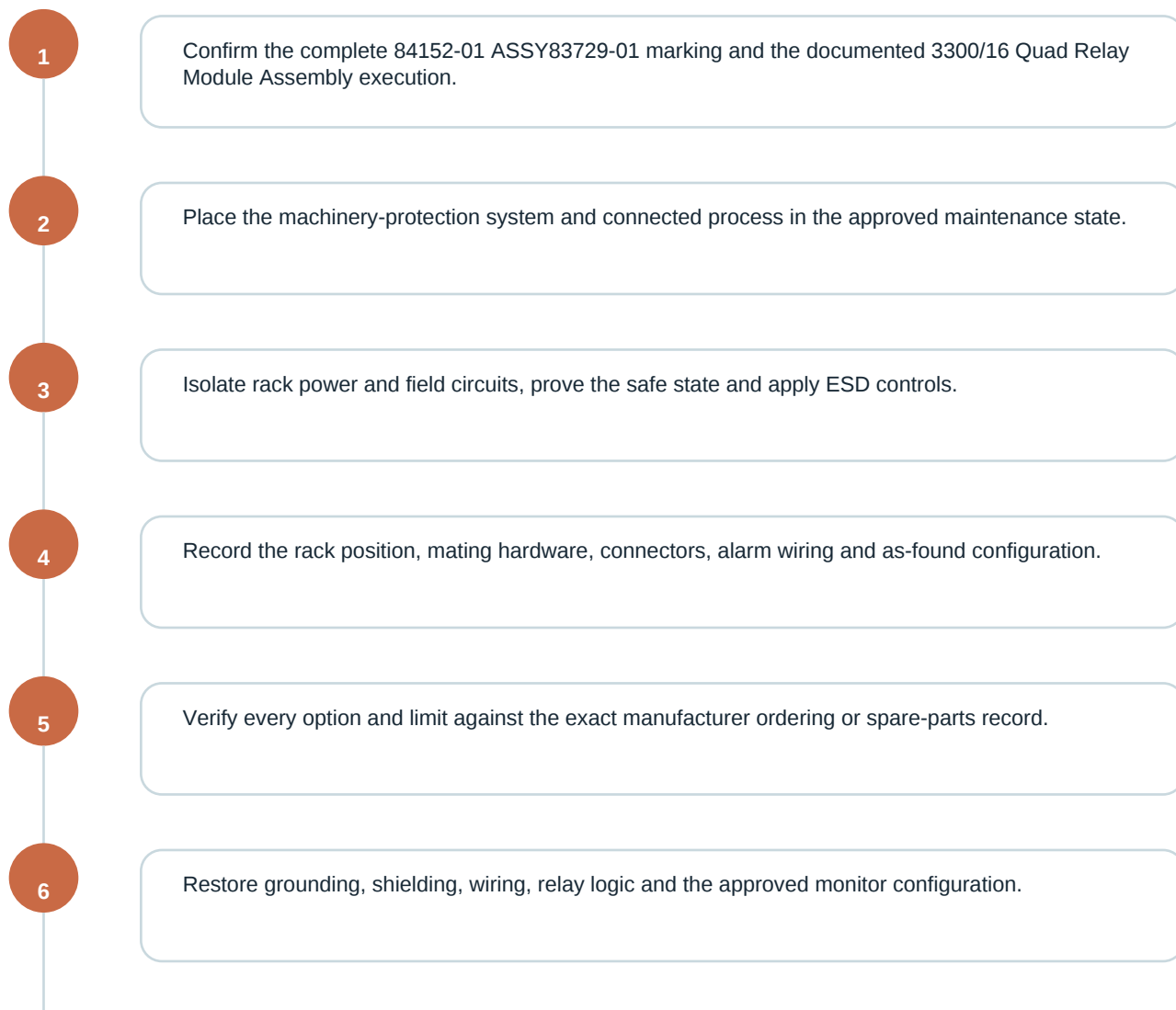
9

Bently Nevada
330703-000-050-10-02-00

FIELD NOTE

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.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	84152-01 ASSY83729-01
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

04 RETURN-TO-SERVICE RECORD

- ☐ Verify every option and limit against the exact manufacturer ordering or spare-parts record.
- ☐ Restore grounding, shielding, wiring, relay logic and the approved monitor configuration.
- ☐ Energize under control and review rack, channel and alarm diagnostics.
- ☐ Complete a controlled functional test of quad-relay alert and danger output interfacing for a matched 3300/16 XY/Gap monitor before service release.

VERIFICATION RECORD

PRODUCT IDENTITY	84152-01 ASSY83729-01
INSTALLED POSITION	Documented Bently Nevada rack or rear I/O position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Verify every option and limit against the exact manufacturer ordering or spare-parts record.
- ☐ Restore grounding, shielding, wiring, relay logic and the approved monitor configuration.
- ☐ Energize under control and review rack, channel and alarm diagnostics.
- ☐ Complete a controlled functional test of quad-relay alert and danger output interfacing for a matched 3300/16 XY/Gap monitor before service release.

SOURCE IDENTIFIERS

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