

3500/32M

Relay Module

Bently Nevada 3500/32M is a four-channel relay module providing four independently programmable double-pole double-throw outputs.

PRODUCT SNAPSHOT

BRAND

Bently Nevada

FAMILY

Bently Nevada 3500 System

PART

3500/32M

PRODUCT TYPE

Relay Module

APTER POWER SALES TEAM

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PRODUCT OVERVIEW

Bently Nevada 3500/32M is a four-channel relay module providing four independently programmable double-pole double-throw outputs.

1

Provides four DPDT relay channels

2

Supports independent alarm-drive logic

3

Integrates rack alarm states

4

Supports controlled shutdown outputs

SYSTEM COMPONENTS

Bently Nevada 3500 System

the documented companion module

approved field wiring

the controlled rack configuration

TECHNICAL NOTE

Record Alarm Drive Logic, contact state, external voltage and every terminal before replacing 3500/32M.

TECHNICAL DATA

PARAMETER	VALUE
relay channels	four
contact form	double-pole double-throw (DPDT)
programming method	Alarm Drive Logic in 3500 Rack Configuration Software
logic inputs	status and alarm states from monitored rack channels

PARAMETER	VALUE
relay independence	each channel is independently programmed
system purpose	alarm and shutdown integration
rack family	3500 machinery protection system
official publication	141533

ENGINEERING NOTE

Record Alarm Drive Logic, contact state, external voltage and every terminal before replacing 3500/32M.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 3500 42M SIL2 09 01	Related industrial automation product	View Bently Nevada 3500 42M SIL2 09 01 page
Bently Nevada 330130 070 00 05	Related industrial automation product	View Bently Nevada 330130 070 00 05 page
Bently Nevada 330130 040 03 00	Related industrial automation product	View Bently Nevada 330130 040 03 00 page
Bently Nevada 330130 035 00 05	Related industrial automation product	View Bently Nevada 330130 035 00 05 page
Bently Nevada 330130 080 13 05	Related industrial automation product	View Bently Nevada 330130 080 13 05 page
Bently Nevada 330130 046 00 06	Related industrial automation product	View Bently Nevada 330130 046 00 06 page
Siemens 6SL3985 6TM00 0AA0	Related industrial automation product	View Siemens 6SL3985 6TM00 0AA0 page
Bently Nevada 330525 00	Related industrial automation product	View Bently Nevada 330525 00 page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Machine trip output

Provides four DPDT relay channels

Alarm annunciation

Supports independent alarm-drive logic

Permissive logic

Integrates rack alarm states

Relay module replacement

Supports controlled shutdown outputs

PRODUCT PRECAUTIONS

- 1 Verify the complete 3500/32M marking and its assigned Bently Nevada 3500 System position before work.
- 2 Place the connected machine trip output process in the approved maintenance state.
- 3 Isolate every documented power, signal and stored-energy source before disconnecting conductors or cables.
- 4 Record the installed slot, connectors, conductors, addressing, firmware and software configuration before removal.
- 5 Use ESD-safe handling and protect keyed electrical, fiber or sensor interfaces as applicable.
- 6 Confirm the installed Bently Nevada 3500 System and the documented companion module against the approved project.
- 7 Restore power in a controlled sequence and review device, network and host diagnostics.
- 8 Prove the intended alarm annunciation function and retain the final acceptance result.

ENGINEER FAQ

Q1 Which official relay channels applies to Bently Nevada 3500/32M?

Baker Hughes documents the relay channels as four. Verify this exact identity and its installed configuration before service.

Q2 How is the contact form identified for Bently Nevada 3500/32M?

Baker Hughes documents the contact form as double-pole double-throw (DPDT). Verify this exact identity and its installed configuration before service.

Q3 What programming method is documented for Bently Nevada 3500/32M?

Baker Hughes documents the programming method as Alarm Drive Logic in 3500 Rack Configuration Software. Verify this exact identity and its installed configuration before service.

Q4 Which logic inputs must be retained for Bently Nevada 3500/32M?

Baker Hughes documents the logic inputs as status and alarm states from monitored rack channels. Verify this exact identity and its installed configuration before service.

Q5 What does Baker Hughes specify as the relay independence for Bently Nevada 3500/32M?

Baker Hughes documents the relay independence as each channel is independently programmed. Verify this exact identity and its installed configuration before service.

Q6 How should technicians verify the system purpose of Bently Nevada 3500/32M?

Baker Hughes documents the system purpose as alarm and shutdown integration. Verify this exact identity and its installed configuration before service.

Q7 Which published rack family distinguishes Bently Nevada 3500/32M?

Baker Hughes documents the rack family as 3500 machinery protection system. Verify this exact identity and its installed configuration before service.

Q8 What is the documented official publication used by Bently Nevada 3500/32M?

Baker Hughes documents the official publication as 141533. Verify this exact identity and its installed configuration before service.

SOURCE 3500/32M 4-Channel Relay Module Datasheet | 141533 Rev. V

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