

125565-01

Half-height Module Card Guide

Bently Nevada 125565-01 is the Half-height Module Card Guide identified in the 3500/05 System Rack spare-parts list. It supports the documented rack hardware arrangement during assembly or maintenance.

BRAND	Bently Nevada	FAMILY	Bently Nevada 3500/05 System Rack
PART	125565-01	SYSTEM ROLE	Guides a half-height module into the adapter

APTER POWER SALES
TEAM

WHATSAPP / PHONE
+86 180 3023 5313
EMAIL sales13@apterp
ower.com
WEBSITE
www.apterpower.com



125565-01

MANUFACTURER SOURCE RECORD

3500/05 System Rack Datasheet
Baker Hughes document 141525 Rev. N, 2025

Product Overview

SYSTEM FUNCTION

Bently Nevada 125565-01 is the Half-height Module Card Guide identified in the 3500/05 System Rack spare-parts list. It supports the documented rack hardware arrangement during assembly or maintenance.

FUNCTION 1

Guides a half-height module into the adapter

FUNCTION 2

Aligns the module with the internal chassis

FUNCTION 3

Protects the rack connector from misaligned insertion

FUNCTION 4

Supports repeatable module removal and installation

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	Bently Nevada 3500/05 System Rack
Primary interface	Guides a half-height module into the adapter
Engineering context	Use 125565-01 only in the documented 3500/05 rack maintenance context. Record the existing position and adjacent parts before removal, protect the rack backplane and module guides, and complete a visual and functional inspection before energization.
Commissioning duty	Restore the monitor and verify affected-slot recognition and diagnostics.

TECHNICAL NOTE

Verify 125565-01 against the 3500/05 rack service record before installation. Preserve the associated rack hardware, alignment and fastening arrangement, then inspect the completed assembly before modules are returned to service.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Manufacturer part number	125565-01	System family	3500/05 System Rack
Component description	Half-height Module Card Guide	Service classification	Rack hardware spare
Documented quantity	1 per half-height module adapter		

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
3500/15	133292-01 power supply	View 3500/15 page
3500/22M	288055-01 data interface	View 3500/22M page
3500/25	enhanced Keyphasor module	View 3500/25 page
3500/33	149986-01 relay module	View 3500/33 page
3500/40M	176449-01 proximity monitor	View 3500/40M page
3500/42M	176449-02 seismic monitor	View 3500/42M page
3500/45	176449-04 position monitor	View 3500/45 page
3500/50	tachometer module	View 3500/50 page

ENGINEERING BOUNDARY

Confirm 125565-01, the 125388-01 internal chassis, 04300111 fasteners, guide orientation, module travel, connector alignment, adjacent hardware and affected-channel diagnostics before release.

Applications and Precautions

Common Applications

Half-height module alignment

Maintains the insertion path in the documented adapter assembly.

Monitor replacement preparation

Provides the guide path checked before a half-height monitor is fitted.

Rack slot service

Supports controlled repair of a worn or damaged guide position.

3500 rack lifecycle maintenance

Retains the approved adapter geometry during planned refurbishment.

Product Precautions

- 1

Confirm 125565-01 and the assigned half-height adapter position.
- 2

Place affected protection channels in the approved maintenance state.
- 3

Remove rack power as required by the installed service procedure.
- 4

Record guide orientation and mating chassis details before removal.
- 5

Inspect for cracks, deformation, contamination or fastening damage.
- 6

Match the guide to 125388-01 and the documented 04300111 screw set.
- 7

Test module travel without forcing or loading the backplane connector.
- 8

Restore the monitor and verify affected-slot recognition and diagnostics.

IMPORTANT NOTICE

Confirm 125565-01, the 125388-01 internal chassis, 04300111 fasteners, guide orientation, module travel, connector alignment, adjacent hardware and affected-channel diagnostics before release.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	125565-01
Configuration	Test module travel without forcing or loading the backplane connector.
Functional release	Restore the monitor and verify affected-slot recognition and diagnostics.

Engineer FAQ

Q1 What exact function does 125565-01 perform as a Half-height Module Card Guide?	Q2 Which host system must be confirmed before installing 125565-01?
It guides the half-height module within the documented 3500/05 adapter assembly.	Confirm the documented Bently Nevada 3500/05 System Rack host and the complete 125565-01 marking before work.
Q3 Which connection checks are required for 125565-01?	Q4 How should the installed configuration for 125565-01 be preserved?
Inspect the rack position, mating hardware and adjacent module clearances before fastening.	Match the guide to 125388-01 and the documented 04300111 screw set.
Q5 Which diagnostic evidence should be reviewed for 125565-01?	Q6 What must be recorded before replacing 125565-01?
Test module travel without forcing or loading the backplane connector.	Confirm 125565-01, the 125388-01 internal chassis, 04300111 fasteners, guide orientation, module travel, connector alignment, adjacent hardware and affected-channel diagnostics before release.
Q7 How should 125565-01 be commissioned after installation?	Q8 Which model-specific limitation applies to 125565-01?
Restore the monitor and verify affected-slot recognition and diagnostics.	Inspect for cracks, deformation, contamination or fastening damage.

MANUFACTURER SOURCE RECORD

3500/05 System Rack Datasheet
Baker Hughes document 141525 Rev. N, 2025

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com

