APTER POWER

INDUSTRIAL AUTOMATION PRODUCT

125388-01

Half-height Module Internal Chassis

Bently Nevada 125388-01 is the Half-height module Internal Chassis identified in the 3500/05 System Rack spare-parts list. It supports the documented rack hardware arrangement during assembly or maintenance.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	Bently Nevada 3500/05 System Rack
Part number	125388-01
Product role	Forms the half-height adapter's internal chassis
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

Verify 125388-01 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.

APTER POWER SALES TEAM

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125388-01

PRODUCT TECHNICAL REFERENCE

Technical Specifications

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

PARAMETER	VALUE	PARAMETER	VALUE
Manufacturer part number	125388-01	System family	3500/05 System Rack
Component description	Half-height module Internal Chassis	Service classification	Rack hardware spare
Documented quantity	1 per half-height module adapter		

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	Bently Nevada 3500/05 System Rack
Primary system role	Forms the half-height adapter's internal chassis
Connection boundary	Verify 125388-01 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.
Controlled acceptance duty	Half-height monitor adapter assembly

ENGINEERING BOUNDARY

Confirm 125388-01, the 3500/05 rack execution, half-height adapter position, 125565-01 card guide, 04300111 screws, adjacent modules, backplane condition, fastening, grounding and affected-channel diagnostics before release.

Pre-Installation Checks

1. Confirm the complete 125388-01 marking and the intended half-height adapter position.
2. Place the 3500 rack and associated protection channels in the approved maintenance state.
3. Isolate rack power according to the installed redundancy procedure.
4. Record all removed module positions, guides and fasteners before dismantling.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	125388-01
Installed host	Bently Nevada 3500/05 System Rack
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

Bently Nevada 125388-01 is the Half-height module Internal Chassis identified in the 3500/05 System Rack spare-parts list. It supports the documented rack hardware arrangement during assembly or maintenance.

FUNCTION 1

Forms the half-height adapter's internal chassis

FUNCTION 2

Supports the documented card-guide assembly

FUNCTION 3

Maintains the rack's half-height module geometry

FUNCTION 4

Provides an exact spare identity for controlled rack service

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	Bently Nevada 3500/05 System Rack
2	Half-height module Internal Chassis
3	Half-height monitor adapter assembly
4	Verify 125388-01 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.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Bently Nevada 3500/05 System Rack
Interface role	Forms the half-height adapter's internal chassis
Field / power context	Use 125388-01 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 evidence	Energize under control and verify recognition and diagnostics for every affected slot.

Installation and Connection Checks

1. Protect the backplane, connectors and adjacent card guides from impact or debris.
2. Use the documented 125565-01 guide and 04300111 screw set with the adapter.
3. Check alignment and unobstructed module insertion before restoring monitor modules.
4. Energize under control and verify recognition and diagnostics for every affected slot.

MANUFACTURER SOURCE RECORD

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

Applications and Engineering Context

Half-height monitor adapter assembly

Rebuilds the internal chassis portion of the documented adapter.

3500 rack refurbishment

Supports controlled restoration of a rack fitted for half-height hardware.

Module-position repair

Restores the physical carrier structure without changing monitor configuration.

Planned rack hardware maintenance

Provides exact part identity for an inspected and documented service activity.

TECHNICAL NOTE

Verify 125388-01 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.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	125388-01 recorded
Host / carrier	Bently Nevada 3500/05 System Rack
Physical interface	Forms the half-height adapter's internal chassis
Configuration	Check alignment and unobstructed module insertion before restoring monitor modules.
Functional proof	Energize under control and verify recognition and diagnostics for every affected slot.

IMPORTANT NOTICE

Confirm 125388-01, the 3500/05 rack execution, half-height adapter position, 125565-01 card guide, 04300111 screws, adjacent modules, backplane condition, fastening, grounding and affected-channel diagnostics before release.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	125388-01
Approved role	Half-height monitor adapter assembly
Final validation	Energize under control and verify recognition and diagnostics for every affected slot.

Engineering Precautions

1. Confirm the complete 125388-01 marking and the intended half-height adapter position.
2. Place the 3500 rack and associated protection channels in the approved maintenance state.
3. Isolate rack power according to the installed redundancy procedure.
4. Record all removed module positions, guides and fasteners before dismantling.
5. Protect the backplane, connectors and adjacent card guides from impact or debris.
6. Use the documented 125565-01 guide and 04300111 screw set with the adapter.
7. Check alignment and unobstructed module insertion before restoring monitor modules.
8. Energize under control and verify recognition and diagnostics for every affected slot.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER 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
3500/64M	140734-05 pressure monitor	View 3500/64M page
3500/65	145988-02 temperature monitor	View 3500/65 page
3500/72M	176449-08 rod position monitor	View 3500/72M page
3500/92	136180-01 gateway module	View 3500/92 page
3500/15	133292-01 power supply	View 3500/15 page

MANUFACTURER SOURCE RECORD

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