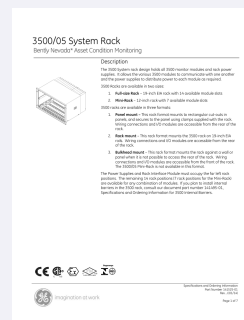


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Bently Nevada 125388-01

Half-Height Internal Chassis



PRODUCT	125388-01
FAMILY	3500 System rack accessories
FUNCTION	Half-Height Internal Chassis
STATUS	Verify exact configuration

Prepared by Amikon Limited from Bently Nevada manufacturer documentation. This guide does not replace the complete manufacturer manual, site procedure, hazardous-area drawing, or approval document.

01

CONFIRM THE ORDERED CONFIGURATION

Accessory Type	Half-height module internal chassis
Part Number	125388-01
Rack Family	Bently Nevada 3500 System
Mechanical Role	Support half-height monitor modules
Companion Guide	125565-01 card guide
Fastener Reference	04300111 assembly screws
Mounting Area	Full-size 3500 rack position

02

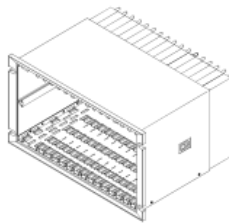
MOUNTING AND CONNECTION

- Use 125388-01 for bently nevada 3500 system within the documented 3500 System rack accessories. Confirm identity, installation position and the controlled system record before work.
- Record half-height rack hardware, adjacent hardware, cable or fastener arrangement and the applicable manufacturer instructions before removal.
- Confirm companion guide: 125565-01 card guide.
- Complete the documented acceptance check: Inspect module seating and retention. Review diagnostics or mechanical retention and save the final result before release.

Official manufacturer reference reproduced from Bently Nevada manufacturer documentation. Use the current source document and all referenced drawings and notes for installation.

3500/05 System Rack

Bently Nevada* Asset Condition Monitoring



Description

The 3500 System rack design holds all 3500 monitor modules and rack power supplies. It allows the various 3500 modules to communicate with one another and the power supplies to distribute power to each module as required.

3500 Racks are available in two sizes:

1. **Full-size Rack** – 19-inch EIA rack with 14 available module slots
2. **Mini-Rack** – 12-inch rack with 7 available module slots

3500 racks are available in three formats:

1. **Panel mount** – This rack format mounts to rectangular cut-outs in panels, and secures to the panel using clamps supplied with the rack. Wiring connections and I/O modules are accessible from the rear of the rack.
2. **Rack mount** – This rack format mounts the 3500 rack on 19-inch EIA rails. Wiring connections and I/O modules are accessible from the rear of the rack.
3. **Bulkhead mount** – This rack format mounts the rack against a wall or panel when it is not possible to access the rear of the rack. Wiring connections and I/O modules are accessible from the front of the rack. The 3500/05 Mini-Rack is not available in this format.

The Power Supplies and Rack Interface Module must occupy the far left rack positions. The remaining 14 rack positions (7 rack positions for the Mini-Rack) are available for any combination of modules. If you plan to install internal barriers in the 3500 rack, consult our document part number 141495-01, Specifications and Ordering Information for 3500 Internal Barriers.



Specifications and Ordering Information
Part Number 141525-01
Rev. J (01/14)

Page 1 of 7

04 CABLE ROUTING AND CONNECTION

- Record half-height rack hardware, adjacent hardware, cable or fastener arrangement and the applicable manufacturer instructions before removal.
- Restore the documented mounting area and verify Full-size 3500 rack position.
- Support all cables, connectors or mechanical interfaces without strain.
- Inspect shields, earth paths, fasteners and adjacent hardware before service.

05 INITIAL SYSTEM CHECKS

- Confirm exact model identity and compatible system components before energizing.
- Check the saved configuration against the controlled site requirements.
- Inspect module seating and retention. Review diagnostics or mechanical retention and save the final result before release.
- Record the installed model, baseline values and final status.

06 CONTROLLED DOCUMENTS

Official source	Bently Nevada manufacturer documentation
Product record	125388-01
Manufacturer	Bently Nevada
Support	INFO@AMIKON.CN