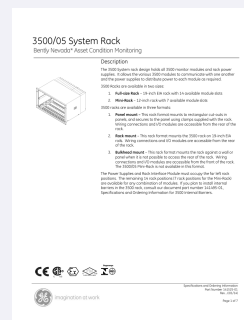


FIELD INSTALLATION QUICK GUIDE

# Installation Instructions

Bently Nevada 4300111  
Rack Assembly Screw Set



|          |                              |
|----------|------------------------------|
| PRODUCT  | 4300111                      |
| FAMILY   | 3500 System rack accessories |
| FUNCTION | Rack Assembly Screw Set      |
| 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 chassis assembly screws |
| Requested Number    | 4300111                             |
| Manufacturer Number | 04300111                            |
| Order Quantity      | Three screws per adapter assembly   |
| Rack Family         | Bently Nevada 3500 System           |
| Companion Chassis   | 125388-01 internal chassis          |
| Companion Guide     | 125565-01 card guide                |

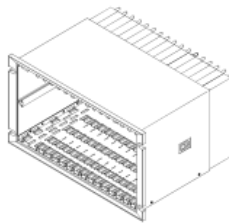
## 02 MOUNTING AND CONNECTION

- Use 4300111 for 04300111 within the documented 3500 System rack accessories. Confirm identity, installation position and the controlled system record before work.
- Record retain half-height adapter hardware, adjacent hardware, cable or fastener arrangement and the applicable manufacturer instructions before removal.
- Confirm rack family: Bently Nevada 3500 System.
- Complete the documented acceptance check: Verify secure retention without distortion. 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)

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## CABLE ROUTING AND CONNECTION

- Record retain half-height adapter hardware, adjacent hardware, cable or fastener arrangement and the applicable manufacturer instructions before removal.
- Restore the documented companion guide and verify 125565-01 card guide.
- 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.
- Verify secure retention without distortion. 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  | 4300111                                  |
| Manufacturer    | Bently Nevada                            |
| Support         | INFO@AMIKON.CN                           |