01 / Product and system dashboard

BENTLY NEVADA

3300-05-27-00-01

Monitoring Rack

Product role

Bently Nevada 3300-05-27-00-01 is an eight-position 3300 monitoring rack with EIA mounting, supporting a power supply, system monitor and monitoring modules.

Power
Position 1

>

System
Position 2

>

Monitoring
Six remaining positions

Engineering scope

The 3300/05-27-00-01 rack ordering definition applies to the offered 3300-05-27-00-01 identity. Installed power supplies, monitors and rear modules are separate supply items unless itemized.

02 / Verified identity and technical relationships

Property	Applicable fact	Property	Applicable fact
Product type	3300/05 mounting rack	System monitor position	Position 2
Rack option	27: Eight-position, EIA mounting	Remaining monitor positions	Six; module space requirements apply
Mounting option	01: Weatherproof-housing or EIA mounting arrangement	Rear module arrangement	Signal Input/Relay Module position for each monitor position
Agency approval option	00: Not required	Mainframe construction	Sectional, conductive anti-static molded material
Power supply position	Position 1	Bezel identification	Engraved tags or protected paper tags

Configuration boundary

The 3300/05-27-00-01 rack ordering definition applies to the offered 3300-05-27-00-01 identity. Installed power supplies, monitors and rear modules are separate supply items unless itemized.

03 / Applications and system integration

3300 system assembly

Mount a power supply, system monitor and selected 3300 monitoring modules in one organized rack arrangement.

Panel integration

Use the selected EIA mounting arrangement in a suitable panel or enclosure, with access for front modules and rear connections.

Signal and relay organization

Coordinate each front monitor with its rear Signal Input/Relay Module position and the required field connections.

Machine-point identification

Use the rack bezel tags to identify machine points or loop references consistently with the maintenance record.

Functional context

Position 1 at the left is reserved for the power supply and position 2 for the system monitor. The remaining six positions accept the required combination of 3300 monitoring modules, subject to each module's space requirements. Each monitor position also has a rear position for the associated Signal Input/Relay Module, so front and rear hardware must be planned together.

04 / Service and installation decisions

Allocate every position

Reserve positions 1 and 2 and account for monitors that occupy more than one remaining position.

Match front and rear modules

Check the required Signal Input/Relay Module and field connection arrangement for each monitor.

Verify panel mounting

Match the EIA mounting arrangement and support the assembled rack in the intended enclosure.

Provide service access

Allow access for removal of front modules and work on rear modules and wiring.

Control electrostatic handling

Use appropriate ESD procedures when handling the rack and monitoring electronics.

Confirm system acceptance

Check the assembled monitoring system and its configured functions before returning machine protection to service.

05 / Reference basis and related portfolio

Lifecycle and supply

A current manufacturer lifecycle phase has not been confirmed. Request current support and replacement guidance using the complete 3300-05-27-00-01 identity. Apter Power availability is confirmed separately in the quotation.

Reference basis

Bently Nevada 3300/05 Rack, 141492-01 Rev. F.

Apter Power technical summary. Apply the original instructions for the actual installation.

Related industrial automation products

Navigation only; no substitution or compatibility claim.

Bently Nevada 330780-50-00

Bently Nevada 330730-080-00-05

Bently Nevada 330880-01-20-058-03-02

Discuss your installed configuration

Send the full unit marking and connection details.

sales13@apterpower.com | +86 18030235313