

3500/05-01-01-01-00-01

3500/05 Full-Size Panel-Mount System Rack

Bently Nevada 3500/05-01-01-01-00-01 is a 19-inch full-size 3500 System rack with 14 monitor-module slots, panel mounting, CSA/NRTL/C Class I Division 2 approval and CE compliance. Wiring and I/O modules are accessed from the rear.

BRAND	Bently Nevada	ORIGIN	USA
MODEL	3500/05-01-01-01-00-01	FAMILY	3500 Machinery Protection System
HS CODE	8537101190	SHIP FROM	Xiamen, Fujian, China
DIMENSIONS	48.26x34.925x26.594cm	PRODUCT	3500/05 Full-Size Panel-Mount System Rack

MANUFACTURER SOURCE RECORD

3500/05 System Rack Datasheet
Baker Hughes / Bently Nevada publication 141525 Rev. N

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3500/05-01-01-01-00-01

Product Overview

SYSTEM FUNCTION

Bently Nevada 3500/05-01-01-00-01 is a 19-inch full-size 3500 System rack with 14 monitor-module slots, panel mounting, CSA/NRTL/C Class I Division 2 approval and CE compliance. Wiring and I/O modules are accessed from the rear.

FOURTEEN FULL-SIZE MONITOR-MODULE POSITIONS

Verified model-specific feature or controlled record item.

PANEL-MOUNT FORMAT WITH REAR I/O ACCESS

Verified model-specific feature or controlled record item.

CSA/NRTL/C CLASS I DIVISION 2 OPTION

Verified model-specific feature or controlled record item.

CE COMPLIANCE OPTION

Verified model-specific feature or controlled record item.

TECHNICAL NOTE

Mount 3500/05-01-01-00-01 in the documented panel cutout with the supplied clamps. Reserve the far-left positions for the power supplies and rack interface module, then verify rear access and the applicable hazardous-area installation drawing.

Technical Data and Acceptance

PARAMETER	VERIFIED VALUE
Country of origin	USA
HS code	8537101190
Ship from	Xiamen, Fujian, China
Estimated shipping dimensions	48.26x34.925x26.594cm
Rack size	19-inch full-size
Monitor-module slots	14
Mounting	Panel mount
Wiring access	Rear
Agency approval	CSA/NRTL/C Class I, Division 2
Reserved option	None
European compliance	CE
Rack width	482.60 mm
Rack height	265.94 mm
Standard depth	349.25 mm

Acceptance Path

1 IDENTITY

Record 3500/05-01-01-01-00-01.

2 INTERFACE

Document mounting and connections.

3 CONFIGURATION

Confirm system and channel.

4 PROOF

Complete functional acceptance.

ENGINEERING BOUNDARY

Use the exact ordering-code values shown here together with the physical marking and installed-system record. Confirm mounting, connections and the configured channel before release.

Applications and Precautions

CENTRAL MACHINERY-PROTECTION RACK

Houses 3500 monitor modules and power supplies in one full-size system chassis.

PANEL-MOUNTED CONTROL CABINET

Secures to a rectangular panel cutout while retaining rear wiring access.

MULTI-MONITOR INSTALLATIONS

Provides fourteen positions for supported monitoring modules after the fixed interface positions.

CLASS I DIVISION 2 SYSTEMS

Supports the documented CSA/NRTL/C ordering option when installed to the applicable drawing.

Controlled Checks

NO.	CHECK
1	Confirm the complete 3500/05-01-01-01-00-01 order code before installation.
2	Prepare the full-size panel cutout to the manufacturer's dimensional figure.
3	Use the supplied panel clamps and maintain rear access for I/O modules and wiring.
4	Keep the power supplies and rack interface module in the required far-left positions.
5	Install the Class I Division 2 configuration only to the cited manufacturer drawing and site requirements.
6	Add a 3500/04-01 earthing module and dedicated position if internal barriers are installed.
7	Check module, power-supply and backplane compatibility before populating the rack.
8	Verify grounding, communication and every protection channel before service release.

FAQ, Related Products and Source

QUESTION	ANSWER
How is 3500/05-01-01-00-01 mounted?	Its mounting code is 01, specifying the full-size panel-mount option secured to a rectangular cutout with supplied clamps.
How many monitor positions does 3500/05-01-01-00-01 provide?	The 19-inch full-size rack provides fourteen available monitor-module slots.
Where must the interface hardware be placed in 3500/05-01-01-00-01?	The power supplies and the rack interface module occupy the far-left rack positions.
From which side is field wiring reached on 3500/05-01-01-00-01?	Panel-mount wiring connections and I/O modules are accessible from the rear.
Which approval is encoded by the third 01 in 3500/05-01-01-00-01?	It specifies the CSA/NRTL/C Class I, Division 2 agency-approval option.
What does the final 01 mean on 3500/05-01-01-00-01?	The E option 01 specifies CE European compliance.
When does 3500/05-01-01-00-01 need a 3500/04-01 earthing module?	It is required when internal barriers are installed, and it consumes a dedicated rack position.
Which dimensional record should be kept for 3500/05-01-01-00-01 commissioning?	Retain the panel cutout, clamp installation, rack width and depth, rear-clearance and populated-slot layout from the official rack figures.

Related Bently Nevada Products

MODEL	RELATION	APTER POWER PAGE
128275-01E	Bently Nevada machinery-monitoring component	View 128275-01E
128275-01F-C2-A0130944-01	Bently Nevada machinery-monitoring component	View 128275-01F-C2-A0130944-01
128276-01E-C2-A0131151-01	Bently Nevada machinery-monitoring component	View 128276-01E-C2-A0131151-01
126648-01	Bently Nevada machinery-monitoring component	View 126648-01
128031-01C	Bently Nevada machinery-monitoring component	View 128031-01C
128031-01D	Bently Nevada machinery-monitoring component	View 128031-01D
128240-01	Bently Nevada machinery-monitoring component	View 128240-01
128275-01	Bently Nevada machinery-monitoring component	View 128275-01

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