Bently Nevada 128031-01

COMPLETE PRODUCT INFORMATION

Bently Nevada 128031-01 is the I/O module cover listed for the 3500/05 system rack. It is the I/O-side component of the 130768-01 full-height blank monitor cover kit, with 04310251 screws ordered separately for the cover.

Selected identity

128031-01	I/O Module Cover
Host documentation	3500/05 System Rack
Associated complete kit	130768-01 full-height blank monitor cover kit
Separate front panel	130944-01; supplied with its screws
I/O cover screws	04310251; listed quantity two

Mechanical spare route

Rack position	128031-01	04310251
Identify the I/O-side opening	Match the documented cover	Reconcile two listed screws

Full-height blanking service

Use the documented I/O-cover component when restoring the full-height blank monitor cover arrangement in a 3500/05 rack.

Rack spare replacement

Replace the identified I/O cover while keeping the front-panel and fastening parts recorded separately.

Cabinet maintenance planning

Plan rear access for panel/rack mounts or front access for the documented bulkhead format before cover work.

Spare-kit reconciliation

Check whether the request is for this individual cover or the complete 130768-01 kit before ordering rack service parts.

Scope boundary

128031-01 identifies the I/O cover only. Do not describe it as the complete 130768-01 kit, front panel 130944-01, power-supply cover or an electronic I/O module. The cited rack datasheet does not specify cover material or tightening torque.

Rack-system context

The 3500/05 rack houses the monitoring modules and power supplies, enables adjacent modules to communicate and distributes their supply through the rack architecture. The cover is identified in the rack spare list. Module capacity and power-distribution functions describe the host rack, not electrical functions of the cover.

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Verified cover facts

Component Type	I/O Module Cover
Documented Rack Family	3500/05 System Rack
Associated Full-height Cover Kit	130768-01
I/O Cover Quantity in Kit	1
Associated Front Panel	130944-01; distinct component
Cover Screw Part	04310251
Listed I/O Cover Screw Quantity	2
Manufacturer Reference	141525 Rev. N, page 4

Part scope

A front panel and an I/O cover are separate service identities. If both sides of a full-height blank position need the complete documented arrangement, identify kit 130768-01. If only the I/O cover is requested, retain 128031-01 and reconcile its fastening parts separately.

Full-height kit components

130768-01	Complete full-height blank monitor cover kit
130944-01	Front panel, quantity one; includes its screws
128031-01	I/O Module Cover, quantity one
04310251	I/O cover screws, quantity two

Access by rack format

Panel mount	Rear wiring and I/O access
EIA rack mount	Rear wiring and I/O access
Bulkhead mount	Front wiring and I/O access; unavailable in mini-rack

Host rack context

The 3500/05 rack houses the monitoring modules and power supplies, enables adjacent modules to communicate and distributes their supply through the rack architecture. The cover is identified in the rack spare list. Module capacity and power-distribution functions describe the host rack, not electrical functions of the cover.

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Precaution 1

Match the exact 128031-01 cover identity to the installed 3500/05 rack and required I/O-side position.

Precaution 2

Distinguish the individual I/O cover from kit 130768-01 and front-panel part 130944-01.

Precaution 3

Obtain screw part 04310251 for the I/O cover and reconcile the listed quantity of two before fitting.

Precaution 4

Plan the correct access side: panel and rack mounts use rear I/O access; bulkhead racks use front access.

Precaution 5

Inspect the cover, receiving position and fastening points for damage or obstruction before installation.

Precaution 6

Use the rack installation and maintenance instructions for fastening; no cover torque is provided in the cited datasheet.

Precaution 7

Preserve adjacent modules, wiring, rack assignments and internal-barrier earthing provisions during cover service.

Precaution 8

After fitting, check seating, retained fasteners and surrounding access; record the cover work before releasing the maintained rack.

Internal barriers

A rack with internal barriers needs its documented earthing module in a dedicated position. Cover service must preserve that installed architecture. This I/O-cover identity is not an internal barrier, earthing module or a substitute for its circuit provisions.

Known and unspecified facts

Material and finish	Not specified for this cover in the cited rack datasheet
Cover tightening torque	Use the applicable rack maintenance instructions
Standalone cover approval	Not established by the rack certification table
Electrical I/O performance	Do not assign monitor-module data to a cover

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What component is Bently Nevada 128031-01?

It is the I/O Module Cover in the 3500/05 rack spare-parts list. It forms the I/O-side component of the full-height blank monitor cover arrangement.

Does Bently Nevada 128031-01 identify the whole blank cover kit?

No. The full-height kit is ordered as 130768-01 and includes a front panel, this I/O cover and the listed cover screws. The individual cover number is not the kit number.

Which screws are listed for Bently Nevada 128031-01?

The I/O cover uses screw part 04310251, with two screws listed. The cover entry directs the buyer to order that screw part separately.

Other distinct blanking parts

131151-01	Half-height front panel
131150-01	Power-supply blank front panel
128085-01	Power-supply input connector cover

Is Bently Nevada 128031-01 the same as front panel 130944-01?

They are distinct parts. 130944-01 is the full-height monitor blank front panel supplied with its screws; 128031-01 is the I/O Module Cover.

Can the power-supply input cover number replace Bently Nevada 128031-01?

The rack list identifies the power-supply input connector cover as 128085-01. It is separate from this I/O cover even though the list also specifies 04310251 screws for that power-supply cover.

Related 3500 catalog

Bently Nevada 3500/05-01-02-00-00	Related rack catalog; compare component role
Bently Nevada 3500/32M	Related rack catalog; compare component role
Bently Nevada 3500/60	Related rack catalog; compare component role

Catalog selection

The links identify other 3500 catalog products for independent comparison. A cover has a different role from a powered monitor, relay module or rack interface. These recommendations establish neither a substitution nor the fit of this cover to another individual module.

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Which access side matters when fitting Bently Nevada 128031-01?

Panel-mounted and rack-mounted formats provide rear access to wiring and I/O modules. Bulkhead racks provide front access; the mini-rack is not offered in bulkhead format.

Is the half-height blank panel Bently Nevada 128031-01?

The half-height blank front panel is separately listed as 131151-01. Do not use that front-panel entry as the identity of this full-height-kit I/O cover.

Where is the fitting procedure for Bently Nevada 128031-01 referenced?

The rack list names Installation and Maintenance Manual 129766-01 and Field Wiring Diagrams 130432-01. Datasheet 141525 identifies the spare but does not provide a cover-specific tightening torque.

Related 3500 catalog

Bently Nevada 3500/45	Related rack catalog; compare component role
Bently Nevada 3500/20	Related rack catalog; compare component role
Bently Nevada 3500/40M	Related rack catalog; compare component role

Maintenance evidence

Identity	Compare exact 128031-01 label and receiving record
Position	Confirm the intended I/O-side cover location
Access	Determine rear or front access from the rack format
Parts	Reconcile cover, 04310251 screws and front panel if required
Condition	Inspect receiving points, cover and nearby cable routing
Fitting	Use the rack maintenance procedure; do not invent torque
Acceptance	Check seating, retained hardware and surrounding access
Record	Retain part numbers, rack position and service observations

Manufacturer reference

3500/05 System Rack, Datasheet 141525 Rev. N. Rack architecture and I/O access: p. 1; system approval context: p. 2; rack choices and other spares: p. 3; 128031-01, kit and fasteners: p. 4. Rack fitting instructions are referenced as 129766-01. Field Wiring Diagrams are referenced as 130432-01. The checks here are service guidance, not additional cover ratings.

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