Bently Nevada 128031-01

01 / COVER IDENTITY

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.

Read the component 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

Spare relationship

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

Individual part and complete kit

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.

Documented data 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.

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

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Bently Nevada 128031-01

Host-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.

Rack architecture context

Full-size rack	14 available module positions
Mini-rack	7 available module positions
Dedicated left positions	Power supplies and rack interface
Internal-barrier rack	3500/04-01 earthing module needs a dedicated position
Mini-rack in EIA frame	144863-01 adapter panel required
Mini-rack software context	3500/01 Version 2.70 or later

Documented access directions

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

Internal-barrier context

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.

Access planning

Identify the actual installed mounting format before scheduling cover work. The bulkhead format provides front I/O access; it is not a mini-rack format. Do not copy a rear-access procedure onto a front-access installation without checking the rack instructions.

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Full-height kit breakdown

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

Other separately identified rack spares

131151-01	Half-height blank front panel; includes screws
131150-01	Power-supply blank front panel; includes screws
128085-01	Power-supply input connector cover; separate screw order
125388-01	Half-height module internal chassis
125565-01	Half-height module card guide
04300111	Half-height internal-chassis screws, quantity three

Keep service roles separate

The half-height blank panel, power-supply covers, internal chassis and card guide have their own identities. Shared placement in a spare list does not establish interchangeable mechanics. Confirm the part requested by the rack service record.

Referenced maintenance documents

129766-01	Rack Installation and Maintenance Manual
130432-01	Field Wiring Diagrams

Fastener boundary

The spare list identifies 04310251 and a quantity of two for the I/O cover. It does not establish a thread, length or torque for an unlisted substitute screw. Obtain the documented hardware and applicable fitting instructions.

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Bently Nevada 128031-01

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.

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.

Facts not established by the spare list

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

Receiving record

Retain the actual cover identifier, the requested kit scope and the separately ordered hardware. When documentation is incomplete, preserve the unknown field and reconcile the record before installation rather than borrowing a nearby part’s value.

Procurement scope examples

I/O-side cover only	128031-01 plus the separately reconciled screws
Complete full-height blanking	130768-01 kit; compare both cover components
Power-supply input cover	128085-01; a separate spare identity

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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.

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 3500/60	Related rack catalog; compare component role
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

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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