

128031-01D

3500/05 Full-height I/O Module Cover

CONTROLLED ENGINEERING COPY

Bently Nevada 128031-01D is the I/O module cover supplied for a full-height blank monitor position in the 3500/05 System Rack. The base 128031-01 cover is used in full-height blank monitor cover kit 130768-01 with the documented front panel and fasteners.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	128031-01D
Manufacturer	Bently Nevada
System family	Bently Nevada 3500 System Rack
Record scope	Installation, application and verification

1

2

3

4

5

PLAN

ISOLATE

CONNECT

CONFIGURE

TEST

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01 PRE-INSTALLATION PLAN

- 1

Confirm the complete 128031-01D marking and the documented 3500/05 Full-height I/O Module Cover execution.
- 2

Place the machinery-protection system and connected process in the approved maintenance state.
- 3

Isolate rack power and field circuits, prove the safe state and apply ESD controls.
- 4

Record the rack position, mating hardware, connectors, alarm wiring and as-found configuration.
- 5

Verify every option and limit against the exact manufacturer ordering or spare-parts record.

MATCHED HARDWARE

- 128031-01D with complete article identity
- Matched Bently Nevada host module or rack position
- Documented connectors, wiring and alarm interfaces
- Approved configuration, diagnostics and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	128031-01D recorded
Physical interface	Installed mating hardware and field interfaces match the as-found record
Configuration	Approved monitor and alarm configuration restored
Functional proof	Controlled test confirms covering the rear I/O position associated with a full-height blank monitor position in a 3500/05 rack

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Component	Full-height I/O module cover
Base spare number	128031-01
Supplied revision marking	128031-01D
Host system	Bently Nevada 3500/05 System Rack
Cover kit	130768-01 full-height blank monitor cover kit
Companion front panel	130944-01 full-height blank monitor front panel
Required screw	04310251
Screw quantity	2 for the I/O module cover
Full-size rack capacity	14 monitor-module positions
Mini-rack capacity	7 monitor-module positions

RELATED PRODUCT PAGES

1 Bently Nevada
330104-10-15-10-01-05

2 Bently Nevada
330101-00-16-05-11-05

3 Bently Nevada
330105-02-12-90-12-00

4 Bently Nevada 330130-045-00-00

5 Bently Nevada
330106-05-30-05-02-00

6 Bently Nevada
330101-00-10-10-01-05

7 Bently Nevada
330102-00-70-10-01-05

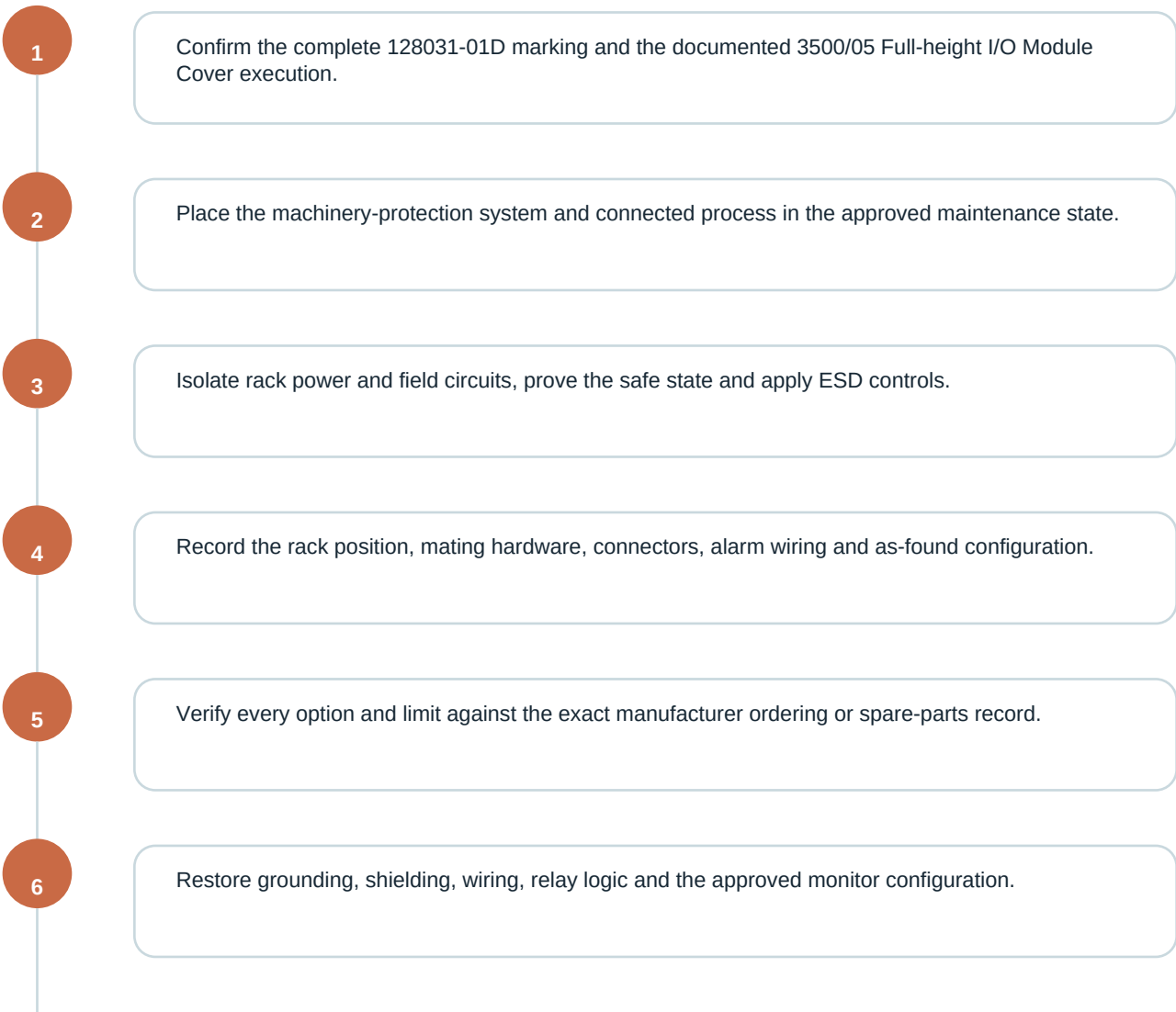
8 Bently Nevada
330102-00-80-10-01-05

9 Bently Nevada
330101-00-35-10-01-05

FIELD NOTE

Confirm 128031-01D, its exact Bently Nevada 3500 System Rack host, installed position, mating hardware, wiring, alarm logic, configuration, diagnostics and controlled acceptance evidence before release.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	128031-01D
Physical interface	Installed mating hardware and field interfaces match the as-found record
Configuration	Approved monitor and alarm configuration restored
Functional proof	Controlled test confirms covering the rear I/O position associated with a full-height blank monitor position in a 3500/05 rack

04 RETURN-TO-SERVICE RECORD

- ☐ Verify every option and limit against the exact manufacturer ordering or spare-parts record.
- ☐ Restore grounding, shielding, wiring, relay logic and the approved monitor configuration.
- ☐ Energize under control and review rack, channel and alarm diagnostics.
- ☐ Complete a controlled functional test of covering the rear I/O position associated with a full-height blank monitor position in a 3500/05 rack before service release.

VERIFICATION RECORD

PRODUCT IDENTITY	128031-01D
INSTALLED POSITION	Documented Bently Nevada rack or rear I/O position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Verify every option and limit against the exact manufacturer ordering or spare-parts record.
- ☐ Restore grounding, shielding, wiring, relay logic and the approved monitor configuration.
- ☐ Energize under control and review rack, channel and alarm diagnostics.
- ☐ Complete a controlled functional test of covering the rear I/O position associated with a full-height blank monitor position in a 3500/05 rack before service release.

SOURCE IDENTIFIERS

3500/05 System Rack Datasheet 141525 Rev. N | Bently Nevada manufacturer document supplied by the user and verified 28 September 2026