

125840-02

3500/15 Low-Voltage AC Power Input Module

Bently Nevada 125840-02 is a legacy low-voltage AC power input module for a 3500 rack. It connects the external AC source to the associated rack power-supply module.

PRODUCT SNAPSHOT

BRAND

Bently Nevada

FAMILY

3500 rack power system

PART

125840-02

ORIGIN / HS

USA / 8537101190

APTER POWER SALES TEAM

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com



PRODUCT OVERVIEW

Bently Nevada 125840-02 is a legacy low-voltage AC power input module for a 3500 rack. It connects the external AC source to the associated rack power-supply module.

1

Terminates the external low-voltage AC feed for a legacy 3500 power supply

2

Routes input power to the associated supply module

3

Occupies the rear position aligned with the selected rack power slot

4

Supports primary or redundant rack-power arrangements

SYSTEM COMPONENTS

matching legacy low-voltage AC power supply

3500 rack

upstream AC disconnect and protection

protective-earth conductor

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
330171-00-12-05-01-05	3300 XL proximity probe	Open product page
200150-09-CN	General-purpose accelerometer	Open product page

TECHNICAL DATA

PARAMETER	VALUE
Module type	Legacy low-voltage AC power input module
Rack family	3500

PARAMETER	VALUE
Installation position	Rear power-supply slot

SYSTEM CONNECTION AND ACCEPTANCE RECORD

RECORD ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	matching legacy low-voltage AC power supply
Companion hardware	3500 rack
Field connection	upstream AC disconnect and protection
Primary system function	Terminates the external low-voltage AC feed for a legacy 3500 power supply
Controlled acceptance duty	Legacy 3500 rack power restoration

TECHNICAL NOTE

Match 125840-02 only to the corresponding legacy low-voltage AC supply, isolate every rack source, verify line and earth conductors, and confirm rack power redundancy and module diagnostics after energization.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Legacy 3500 rack power restoration

Terminates the external low-voltage AC feed for a legacy 3500 power supply

Redundant machinery-protection rack power

Routes input power to the associated supply module

Turbine monitor cabinet maintenance

Occupies the rear position aligned with the selected rack power slot

Compressor protection panel retrofit

Supports primary or redundant rack-power arrangements

PRODUCT PRECAUTIONS

- 1 Verify 125840-02 and the matching legacy supply before installation.
- 2 Isolate and prove dead every AC source connected to the rack.
- 3 Record line, neutral, and protective-earth conductor identities.
- 4 Do not pair the legacy input module with an incompatible current supply.
- 5 Inspect rear connectors, fuse provisions, and terminal clamping.
- 6 Restore one source at a time while monitoring rack status.
- 7 Confirm either redundant supply can carry the rack independently.
- 8 Verify all 3500 modules remain healthy before protection service.

ENGINEER FAQ

Q1 How can an engineer function-test 125840-02 after installation?

Apply a controlled input, reference, or limited output appropriate to 3500/15 low-voltage ac power input module, observe the system indication and diagnostics, and confirm the intended process response.

Q3 Can 125840-02 be replaced by a visually similar model without review?

No. Verify the complete part number, electrical execution, connector arrangement, companion hardware, and approved software or rack configuration.

Q5 Which installed hardware must be matched before fitting 125840-02?

Match the complete 125840-02 marking to matching legacy low-voltage AC power supply and 3500 rack, then confirm the assigned 3500 rack power system position and approved system configuration.

Q7 What isolation is required before installing 125840-02?

Place legacy 3500 rack power restoration in the approved maintenance state, isolate every applicable power, signal, and stored-energy source, and prove the work area safe.

Q2 What should be checked if 125840-02 reports an unstable or incorrect value?

Check seating, supply, grounding, shielding, matched components, mechanical installation, and the signal path before changing configuration or replacing additional hardware.

Q4 What commissioning evidence should be retained for 125840-02?

Retain the full 125840-02 identity, as-left wiring and settings, measured functional-test results, final diagnostics, and authorization to return the affected equipment to service.

Q6 How should the field connections for 125840-02 be recorded before replacement?

Record terminal or connector identity, polarity, shield, cable tag, channel assignment, and the as-found diagnostic state before disconnecting 125840-02.

Q8 Which configuration check is essential when commissioning 125840-02?

Restore only the approved model-specific channel, range, address, scale, or interface settings and compare them with the physical installation before enabling the process function.