

INDUSTRIAL AUTOMATION PRODUCT

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.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	3500 rack power system
Part number	125840-02
Country	USA
HS code	8537101190

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Technical Specifications

Technical values below are limited to the named Bently Nevada product record.

PARAMETER	TECHNICAL VALUE
Module type	Legacy low-voltage AC power input module
Rack family	3500
Installation position	Rear power-supply slot

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED 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

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System Role and Architecture

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.

FUNCTION 1

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

FUNCTION 2

Routes input power to the associated supply module

FUNCTION 3

Occupies the rear position aligned with the selected rack power slot

FUNCTION 4

Supports primary or redundant rack-power arrangements

Matched system components

- matching legacy low-voltage AC power supply
- 3500 rack
- upstream AC disconnect and protection
- protective-earth conductor

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
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

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Applications and Engineering Context

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

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.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	125840-02 / 125840-02 recorded
Physical interface	matching legacy low-voltage AC power supply
Companion check	3500 rack
Functional proof	Terminates the external low-voltage AC feed for a legacy 3500 power supply
Application test	Legacy 3500 rack power restoration

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Engineering 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.

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

MANUFACTURER SOURCE RECORD

3500/15 AC and DC Power Supplies Datasheet
141530

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