

Installation Identity and Scope

Allen-Bradley 1336-BDB-SP38A is a gate-driver printed circuit board identified in the official 1336 spare-parts publication for 1336STEF drives. The exact SP38A revision is obsolete and the manufacturer record identifies 1336-BDB-SP38D as its replacement.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	1336-BDB-SP38A
Manufacturer	Allen-Bradley
Hardware role	Gate Driver Board
System family	1336STEF Drive Parts

Controlled engineering copy

Retain the complete 1336-BDB-SP38A identity when reviewing an installed board. Confirm the 460 V, 200 HP drive application and obtain documented engineering approval before using the later SP38D replacement.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



1336-BDB-SP38A

Pre-Installation Plan

NO.	REQUIRED ACTION
1	Verify the complete 1336-BDB-SP38A marking before work.
2	Place the drive in the manufacturer-approved de-energized maintenance state.
3	Confirm the installed drive is the documented 1336STEF 460 V, 200 HP application.
4	Record connector orientation, hardware position and installed board revision.
5	Use ESD controls while handling the gate-driver printed circuit board.
6	Do not treat a nearby SP38 suffix as interchangeable without documented approval.
7	Review the official SP38D replacement record before any substitution.
8	Complete controlled inspection and functional testing before return to service.

Before Energization

CONTROL	REQUIRED RECORD
Identity	Complete 1336-BDB-SP38A marking and hardware role
Connections	Approved power, grounding and protocol interfaces
Configuration	Controlled backup, addressing and protocol files
Test plan	Defined acceptance values and controlled restart authority

Release hold point

Do not disturb the installed device until exact marking, interfaces, companion hardware and configured function are documented.

Wiring, Network and Configuration Checks

CHECK	MODEL-SPECIFIC REQUIREMENT
Drive family	1336STEF
Drive voltage class	460 V
Drive rating	200 HP
Lifecycle status	Obsolete
Official replacement	1336-BDB-SP38D
Replacement control	Documented approval required before substitution

Configuration boundary

Retain the complete 1336-BDB-SP38A identity when reviewing an installed board. Confirm the 460 V, 200 HP drive application and obtain documented engineering approval before using the later SP38D replacement.

Expected Technical Values

PARAMETER	VALUE
Product identity	1336-BDB-SP38A
Component type	Gate-driver printed circuit board
Drive family	1336STEF
Drive voltage class	460 V

Commissioning and Acceptance

TEST	ACCEPTANCE CONDITION
Identity	Manufacturer and complete 1336-BDB-SP38A marking match the record.
Power	Measured supply agrees with the documented operating requirement.
Interface	Connectors, addressing and network parameters match the approved project.
Configuration	Protocol files, framing and mapped data areas match the controlled backup.
Diagnostics	No unexplained status, counter or communication fault remains.
Functional proof	Controlled bidirectional data transfer completes successfully.
Release	Final values and test results are retained with restart approval.

Questions to Resolve

QUESTION	ENGINEERING ANSWER
What is Allen-Bradley 1336-BDB-SP38A?	1336-BDB-SP38A is an official 1336 spare-part number for a gate-driver printed circuit board.
Which drive family uses Allen-Bradley 1336-BDB-SP38A?	The official parts record associates the board with the 1336STEF drive family.

Related Products

MODEL	APTER POWER PAGE
Allen-Bradley 81001-450-51-R	View Allen-Bradley 81001-450-51-R
Allen-Bradley 80190-220-01-R	View Allen-Bradley 80190-220-01-R
Allen-Bradley 81000-199-51-R	View Allen-Bradley 81000-199-51-R
Allen-Bradley 80190-640-02-R	View Allen-Bradley 80190-640-02-R

Source, Related Products and Release

MODEL	APTER POWER PAGE
Allen-Bradley 80190-600-01-R	View Allen-Bradley 80190-600-01-R
Allen-Bradley 80190-540-05-R	View Allen-Bradley 80190-540-05-R
Allen-Bradley 80190-540-02-R	View Allen-Bradley 80190-540-02-R
Allen-Bradley 80190-099-01/7	View Allen-Bradley 80190-099-01/7

MANUFACTURER SOURCE RECORDS

1. Rockwell Automation 1336 Spare Parts Pricing and Availability, publication 1336-PA001
2. Rockwell Automation 1336 spare-parts record: 1336-BDB-SP38A obsolete; replacement 1336-BDB-SP38D

Controlled Release Summary

RELEASE ITEM	REQUIRED EVIDENCE
Identity	1336-BDB-SP38A recorded
Interface	Connections and companion hardware verified
Configuration	Installed values agree with approved record
Functional proof	Controlled test completed without unexplained fault

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