

1336-BDB-SP38A

Gate Driver Board

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 The exact SP38A revision is obsolete and the manufacturer record identifies 1336-BDB-SP38D as its replacement.

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

Document scope

Exact identity, verified technical data, applications, precautions, model-specific FAQ and controlled acceptance records.

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Technical Specifications

PARAMETER	VERIFIED VALUE	PARAMETER	VERIFIED VALUE
Product identity	1336-BDB-SP38A	Drive rating	200 HP
Component type	Gate-driver printed circuit board	Lifecycle status	Obsolete
Drive family	1336STEF	Official replacement	1336-BDB-SP38D
Drive voltage class	460 V	Replacement control	Documented approval required before substitution

Engineering 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.

Identity Acceptance

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

Functions and Applications

Gate-drive control

Provides the documented gate-driver PCB function within the matched 1336STEF drive power structure.

Exact revision

Uses the complete SP38A suffix to identify the installed spare-part revision.

Rated application

The official parts record associates this board with a 460 V, 200 HP drive application.

Managed replacement

The official spare-parts record identifies SP38D as the replacement for the obsolete SP38A board.

Common Applications

APPLICATION	ENGINEERING CONTEXT
Drive PCB service	Supports controlled repair of a matched 1336STEF drive power assembly.
Obsolete-board replacement	Documents the installed SP38A identity before evaluating the official SP38D replacement.
Maintenance planning	Preserves voltage class, horsepower and board-revision records during service planning.
Acceptance testing	Requires a controlled drive inspection and functional verification after board work.

Controlled acceptance duty

Confirm identity, interfaces, configured values and functional response against the installed-system record before release.

Engineering Precautions

NO.	PRECAUTION
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.

Model-Specific FAQ - Part 1

QUESTION	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.
Which voltage class is listed for Allen-Bradley 1336-BDB-SP38A?	The manufacturer parts record identifies a 460 V application.
Which drive rating is listed for Allen-Bradley 1336-BDB-SP38A?	The documented application is 200 HP.

Related Products

MODEL	APTER POWER PAGE
Allen-Bradley 1336-WB035	View Allen-Bradley 1336-WB035
Allen-Bradley 74101-371-52	View Allen-Bradley 74101-371-52
Allen-Bradley 80026-529-01-R	View Allen-Bradley 80026-529-01-R
Allen-Bradley 80026-044-06-R	View Allen-Bradley 80026-044-06-R

Model-Specific FAQ - Part 2

QUESTION	ANSWER
Is Allen-Bradley 1336-BDB-SP38A current?	The official parts publication marks SP38A as obsolete.
What replaces Allen-Bradley 1336-BDB-SP38A?	The manufacturer record identifies 1336-BDB-SP38D as the replacement.
Can 1336-BDB-SP38D replace Allen-Bradley 1336-BDB-SP38A without review?	No. The drive identity, ratings, wiring, revision requirements and service procedure require documented approval before substitution.
What confirms 1336-BDB-SP38A service acceptance?	The exact drive and board identity must be recorded, connections inspected and the manufacturer-approved functional checks completed without unexplained fault.

Related Products and Release

MODEL	APTER POWER PAGE
Allen-Bradley 81004-286-52-R	View Allen-Bradley 81004-286-52-R
Allen-Bradley 81001-451-63-R	View Allen-Bradley 81001-451-63-R
Allen-Bradley 81001-451-61-R	View Allen-Bradley 81001-451-61-R
Allen-Bradley 81001-450-53-R	View Allen-Bradley 81001-450-53-R

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

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