Allen-Bradley 1336-BDB-SP30D

Gate Driver PCB Kit for 1336STEF and 8720MC-D149

Product scope

- Provides gate-drive signal conditioning for the documented power stage.
- Matches the documented 1336STEF 460 V, 100 hp and 8720MC-D149 applications.
- Requires exact frame, catalog-number and connector verification.
- Must be serviced only after lockout and confirmed DC-bus discharge.

Manufacturer source

Rockwell Automation 1336 parts list and 8720MC Installation Manual.

The enclosed record retains only manufacturer-supported identity, function, operating principle, application and replacement boundaries for this product.

Request a fast quote	Product reference	
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Manufacturer-source product record

This record consolidates exact-model facts from the manufacturer references listed below. It is included to identify the ordering configuration before the retained source pages.

Catalog number	1336-BDB-SP30D
Spare-part class	Gate driver printed-circuit-board kit
1336 application	1336STEF, 460 V, 100 hp
8720MC application	8720MC-D149, 100 hp / 75 kW
System family	Allen-Bradley 1336 / 8720MC drive service hardware
Replacement basis	Exact catalog number and target drive frame

Official references

- Rockwell Automation 1336 parts list and 8720MC Installation Manual.
- Manufacturer documentation identifies the 1336STEF 460 V, 100 hp and 8720MC-D149 100 hp / 75 kW applications.

Only the exact configuration shown above is represented. Adjacent model variants, optional assemblies and system accessories are not treated as part of this ordering identity.

Function, operating principle and application

The notes below explain how this product is used and how its documented signal, power or control path operates. They remain limited to the manufacturer evidence for this model.

Function

The gate-driver PCB kit translates control commands into the isolated drive signals required by the power-semiconductor stage in the documented 1336STEF and 8720MC applications.

Operating principle

Low-energy switching commands are conditioned and delivered to the appropriate power devices. Feedback and protection paths help the drive supervise abnormal gate or power-stage conditions.

Application

Rockwell lists SP30D for a 1336STEF 460 V, 100 hp drive and for the 8720MC-D149 100 hp / 75 kW application.

Replacement procedure

Record every connector, gate lead and mounting point before removal. Transfer only after the incoming supply is locked out and the DC bus is proven discharged.

Compatibility boundary

Other 1336-BDB kits serve different voltage, horsepower and frame combinations. The suffix and target drive catalog number must both match.

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