

INDUSTRIAL AUTOMATION PRODUCT

# 80190-320-02-R

## PowerFlex 7000 service assembly

Documented PowerFlex 7000 control-platform service function

| IDENTITY      | VERIFIED VALUE                                    |
|---------------|---------------------------------------------------|
| Manufacturer  | Allen-Bradley                                     |
| System family | Allen-Bradley PowerFlex 7000 medium-voltage drive |
| Part number   | 80190-320-02-R                                    |
| Country       | USA                                               |
| HS code       | 8537101190                                        |

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# Technical Specifications

Technical values below are limited to the named Allen-Bradley product record.

| PARAMETER      | TECHNICAL VALUE |
|----------------|-----------------|
| Catalog number | 80190-320-02-R  |
| Platform       | PowerFlex 7000  |

## ENGINEERING DATA SUMMARY

| DATA GROUP                 | VERIFIED ASSIGNMENT                             |
|----------------------------|-------------------------------------------------|
| Installed host / carrier   | PowerFlex 7000 medium-voltage drive             |
| Companion hardware         | documented drive control platform               |
| Field connection           | matching keyed connectors                       |
| Primary system function    | Uses the complete manufacturer catalog identity |
| Controlled acceptance duty | PowerFlex 7000 maintenance service              |

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System Role and Architecture

Documented PowerFlex 7000 control-platform service function

FUNCTION 1

Uses the complete manufacturer catalog identity

FUNCTION 2

Supports a documented PowerFlex 7000 service position

FUNCTION 3

Requires exact revision and connector matching

FUNCTION 4

Retains the approved drive project configuration

Matched system components

- PowerFlex 7000 medium-voltage drive
- documented drive control platform
- matching keyed connectors
- approved drive project and firmware record

SYSTEM INTEGRATION RECORD

| INTEGRATION ITEM           | DOCUMENTED ROLE                                 |
|----------------------------|-------------------------------------------------|
| Installed host / carrier   | PowerFlex 7000 medium-voltage drive             |
| Companion hardware         | documented drive control platform               |
| Field connection           | matching keyed connectors                       |
| Primary system function    | Uses the complete manufacturer catalog identity |
| Controlled acceptance duty | PowerFlex 7000 maintenance service              |

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# Applications and Engineering Context

**PowerFlex 7000 maintenance service**

Uses the complete manufacturer catalog identity

**Drive control-platform restoration**

Supports a documented PowerFlex 7000 service position

**Planned shutdown replacement**

Requires exact revision and connector matching

**Commissioning configuration verification**

Retains the approved drive project configuration

**TECHNICAL NOTE**

Verify the complete 80190-320-02-R marking, hardware revision, installed drive position, keyed connectors and approved PowerFlex 7000 project before removal; after installation, restore only the recorded configuration and complete the drive diagnostic sequence.

**MODEL-SPECIFIC ACCEPTANCE EVIDENCE**

| CHECK              | ACCEPTANCE CONDITION                            |
|--------------------|-------------------------------------------------|
| Identity           | 80190-320-02-R / 80190-320-02-R recorded        |
| Physical interface | PowerFlex 7000 medium-voltage drive             |
| Companion check    | documented drive control platform               |
| Functional proof   | Uses the complete manufacturer catalog identity |
| Application test   | PowerFlex 7000 maintenance service              |

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## Engineering Precautions

- 1 Verify the complete 80190-320-02-R marking and its assigned Allen-Bradley PowerFlex 7000 medium-voltage drive position before work.
- 2 Place the connected powerflex 7000 maintenance service process in the approved maintenance state.
- 3 Isolate applicable power and documented powerflex 7000 control-platform service function field energy before disconnecting conductors.
- 4 Record connector, conductor, address, firmware and software identities before removal.
- 5 Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.

### RELATED PRODUCTS ON APTER POWER

| MODEL                                  | SYSTEM ROLE                           | APTER POWER PAGE                                              |
|----------------------------------------|---------------------------------------|---------------------------------------------------------------|
| Bently Nevada<br>330103-00-16-10-12-CN | Related industrial automation product | <a href="#">View Bently Nevada 330103-00-16-10-12-CN page</a> |
| Bently Nevada<br>330104-00-04-50-02-00 | Related industrial automation product | <a href="#">View Bently Nevada 330104-00-04-50-02-00 page</a> |
| Bently Nevada<br>330130-080-12-05      | Related industrial automation product | <a href="#">View Bently Nevada 330130-080-12-05 page</a>      |
| Bently Nevada<br>330730-040-00-00      | Related industrial automation product | <a href="#">View Bently Nevada 330730-040-00-00 page</a>      |
| Honeywell 51305348-100                 | Related industrial automation product | <a href="#">View Honeywell 51305348-100 page</a>              |
| ABB<br>RDCO-02C-3ABD64606956           | Related industrial automation product | <a href="#">View ABB RDCO-02C-3ABD64606956 page</a>           |
| ABB<br>3BHE022294R0101-GFD233-A101     | Related industrial automation product | <a href="#">View ABB 3BHE022294R0101-GFD233-A101 page</a>     |
| Bently Nevada<br>330173-00-05-10-12-00 | Related industrial automation product | <a href="#">View Bently Nevada 330173-00-05-10-12-00 page</a> |

### MANUFACTURER SOURCE RECORD

Rockwell Automation PowerFlex 7000 official manuals and product environmental compliance records

7000-TG002; 7000-UM201; PEC-TD011

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