

INDUSTRIAL AUTOMATION PRODUCT

80190-300-01-R

PowerFlex 7000 external input/output board

Documented PowerFlex 7000 control-platform service function

IDENTITY	VERIFIED VALUE
Manufacturer	Allen-Bradley
System family	Allen-Bradley PowerFlex 7000 medium-voltage drive
Part number	80190-300-01-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	80190-300-01-R
Board designation	XIO
Board type	External Input / Output Board
I/O voltage	120 to 240 V AC
Drive 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 80190-300-01-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	80190-300-01-R / 80190-300-01-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 80190-300-01-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 330909-00-25-10-02-00	Related industrial automation product	View Bently Nevada 330909-00-25-10-02-00 page
Siemens C98043-A7106-L1	Related industrial automation product	View Siemens C98043-A7106-L1 page
Bently Nevada 330908-21-35-10-02-00	Related industrial automation product	View Bently Nevada 330908-21-35-10-02-00 page
Bently Nevada 330905-0-25-05-02-IN	Related industrial automation product	View Bently Nevada 330905-0-25-05-02-IN page
Bently Nevada 330903-00-07-10-01-CN	Related industrial automation product	View Bently Nevada 330903-00-07-10-01-CN page
Prosoft MVI56-MCM	Related industrial automation product	View Prosoft MVI56-MCM page
Bently Nevada 330903-00-07-10-01-00	Related industrial automation product	View Bently Nevada 330903-00-07-10-01-00 page
ABB PM590-ETH-1SAP150000R02 71	Related industrial automation product	View ABB PM590-ETH-1SAP150000R0271 page

MANUFACTURER SOURCE RECORD

Rockwell Automation PowerFlex 7000 Medium Voltage AC Drive Troubleshooting Guide
7000-TG002

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