

INDUSTRIAL AUTOMATION PRODUCT

80190-580-01-R

PowerFlex 7000 drive processor module

Documented PowerFlex 7000 control-platform service function

IDENTITY	VERIFIED VALUE
Manufacturer	Allen-Bradley
System family	Allen-Bradley PowerFlex 7000 medium-voltage drive
Part number	80190-580-01-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	80190-580-01-R
Board designation	DPM
Board type	Drive Processor Board
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 80190-580-01-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	80190-580-01-R / 80190-580-01-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 80190-580-01-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
GE IC752SPL013	Related industrial automation product	View GE IC752SPL013 page
Emerson KJ2005X1-SQ1-12P6383X022	Related industrial automation product	View Emerson KJ2005X1-SQ1-12P6383X022 page
Bently Nevada 3500-05-01-01-01-00-01	Related industrial automation product	View Bently Nevada 3500-05-01-01-01-00-01 page
Bently Nevada 330180-X1-00-MOD-145004-09	Related industrial automation product	View Bently Nevada 330180-X1-00-MOD-145004-09 page
Siemens A5E00296878	Related industrial automation product	View Siemens A5E00296878 page
Siemens A5E34612879	Related industrial automation product	View Siemens A5E34612879 page
Siemens A5E00825002	Related industrial automation product	View Siemens A5E00825002 page
Siemens A5E00755411	Related industrial automation product	View Siemens A5E00755411 page

MANUFACTURER SOURCE RECORD

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

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