

INDUSTRIAL AUTOMATION PRODUCT

81000-199-51-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	81000-199-51-R
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



2

Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Catalog number	81000-199-51-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

3

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

4

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 81000-199-51-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	81000-199-51-R / 81000-199-51-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

5

Engineering Precautions

- 1 Verify the complete 81000-199-51-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
ABB NISA-03	Related industrial automation product	View ABB NISA-03 page
ABB NAOM01	Related industrial automation product	View ABB NAOM01 page
ABB MZ03	Related industrial automation product	View ABB MZ03 page
ABB MPRC-086349-002	Related industrial automation product	View ABB MPRC-086349-002 page
ABB MM21	Related industrial automation product	View ABB MM21 page
ABB MB510-3BSE002540R1	Related industrial automation product	View ABB MB510-3BSE002540R1 page
ABB MB21	Related industrial automation product	View ABB MB21 page
Ics Triplex MAI32MAD	Related industrial automation product	View Ics Triplex MAI32MAD page

MANUFACTURER SOURCE RECORD

Rockwell Automation PowerFlex 7000 official manuals and product environmental compliance records
7000-TG002; 7000-UM201; PEC-TD011

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com

