

INDUSTRIAL AUTOMATION PRODUCT

80190-780-01-R

PowerFlex 7000 HMI board 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	80190-780-01-R
Country	USA
HS code	8537101190

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2

Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Catalog number	80190-780-01-R
Assembly	HMI Board Module
Base board	PFNI - PowerFlex Network Interface Board
Processor module	NetBurner
Drive connection	DPM - Drive Processor Module
Diagnostic interface	J3 USART or USB
Internal DIM switch default	Enabled
Swap-port switch default	Off
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

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 80190-780-01-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	80190-780-01-R / 80190-780-01-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

5

Engineering Precautions

- 1 Verify the complete 80190-780-01-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
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Siemens 6SE7041-8EK85-0HA0	Related industrial automation product	View Siemens 6SE7041-8EK85-0HA0 page
Siemens 6SE7041-8GK85-0HA0	Related industrial automation product	View Siemens 6SE7041-8GK85-0HA0 page
Siemens 6RA8075-6DS22-0AA0	Related industrial automation product	View Siemens 6RA8075-6DS22-0AA0 page
Siemens 6SL3350-6TK00-0BA0	Related industrial automation product	View Siemens 6SL3350-6TK00-0BA0 page
Siemens 6SL3351-1AE37-5BA1	Related industrial automation product	View Siemens 6SL3351-1AE37-5BA1 page
Siemens 6SL3352-1AE37-5BA1	Related industrial automation product	View Siemens 6SL3352-1AE37-5BA1 page
Siemens 6SE7090-0XX84-3DB1	Related industrial automation product	View Siemens 6SE7090-0XX84-3DB1 page

MANUFACTURER SOURCE RECORD

Rockwell Automation PowerFlex 7000 HMI Offering With Enhanced Functionality
7000-UM201

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