

INDUSTRIAL AUTOMATION PRODUCT

80026-044-02

Medium Voltage SMC Flex IGDPS Board

Allen-Bradley 80026-044-02 is the exact manufacturer-listed medium voltage smc flex igdps board for the documented installed system.

IDENTITY	VERIFIED VALUE
Manufacturer	Allen-Bradley
System family	Allen-Bradley SMC Flex
Part number	80026-044-02
Product role	Provides the documented IGDPS board function
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

The board is listed for Bulletin 1503E, 1560E and 1562E controller configurations in the official spare-parts appendix. Replacement work must preserve the installed options, gate-driver board relationships, connectors and controller test sequence.

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Technical Specifications

Technical values below are limited to the named Allen-Bradley product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Component type	IGDPS board	Documented quantity per controller	1
Controller family	Medium Voltage SMC Flex	Applicable bulletins	1503E, 1560E and 1562E

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	Allen-Bradley SMC Flex
Primary system role	Provides the documented IGDPS board function
Connection boundary	The board is listed for Bulletin 1503E, 1560E and 1562E controller configurations in the official spare-parts appendix. Replacement work must preserve the installed options, gate-driver board relationships, connectors and controller test sequence.
Controlled acceptance duty	MV SMC Flex starter service

ENGINEERING BOUNDARY

Confirm Allen-Bradley 80026-044-02, the complete PowerFlex 7000 or MV SMC Flex host identity, installed hardware execution, board or semiconductor position, connectors, wiring, grounding, cooling path, firmware or configuration where applicable, companion components and controlled commissioning results before service.

Pre-Installation Checks

1	Confirm Allen-Bradley 80026-044-02 and the installed MV SMC Flex bulletin and option set.	2	Isolate medium-voltage and control power and prove the controller safe before access.
3	Use ESD controls and protect every board connector during handling.	4	Record the original board position, cable labels and adjacent gate-driver board arrangement.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	80026-044-02
Installed host	Allen-Bradley SMC Flex
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

Allen-Bradley 80026-044-02 is the exact manufacturer-listed medium voltage smc flex igdps board for the documented installed system.

FUNCTION 1
Provides the documented IGDPs board function

FUNCTION 2
Appears as one board per supported controller

FUNCTION 3
Supports the official MV SMC Flex common-component arrangement

FUNCTION 4
Keeps the exact spare-part identity for controlled service

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	Allen-Bradley SMC Flex
2	Medium Voltage SMC Flex
3	MV SMC Flex starter service
4	The board is listed for Bulletin 1503E, 1560E and 1562E controller configurations in the official spare-parts appendix. Replacement work must preserve the installed options, gate-driver board relationships, connectors and controller test sequence.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Allen-Bradley SMC Flex
Interface role	Provides the documented IGDPs board function
Field / power context	The board is listed for Bulletin 1503E, 1560E and 1562E controller configurations in the official spare-parts appendix. Replacement work must preserve the installed options, gate-driver board relationships, connectors and controller test sequence.
Commissioning evidence	Verify diagnostics and controlled starter operation before release.

Installation and Connection Checks

1

Verify the controller common-component list and installed options before replacement.

2

Seat all connectors without force and reproduce the documented routing.

3

Restore power through the approved MV SMC Flex test sequence.

4

Verify diagnostics and controlled starter operation before release.

MANUFACTURER SOURCE RECORD

Medium Voltage SMC Flex Motor Controller User Manual
1560E-UM050B-EN-P, June 2013

Applications and Engineering Context

MV SMC Flex starter service

Restores the documented IGDPS board position in the medium-voltage soft-starter controller.

Common-component replacement

Maintains the exact controller spare-part identity during planned repair.

Gate-driver power-path inspection

Supports checks of the installed gate-driver power relationship and associated connectors.

Controlled controller recommissioning

Supports the approved post-replacement diagnostic and functional test sequence.

TECHNICAL NOTE

The board is listed for Bulletin 1503E, 1560E and 1562E controller configurations in the official spare-parts appendix. Replacement work must preserve the installed options, gate-driver board relationships, connectors and controller test sequence.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	80026-044-02 recorded
Host / carrier	Allen-Bradley SMC Flex
Physical interface	Provides the documented IGDPS board function
Configuration	Restore power through the approved MV SMC Flex test sequence.
Functional proof	Verify diagnostics and controlled starter operation before release.

IMPORTANT NOTICE

Confirm Allen-Bradley 80026-044-02, the complete PowerFlex 7000 or MV SMC Flex host identity, installed hardware execution, board or semiconductor position, connectors, wiring, grounding, cooling path, firmware or configuration where applicable, companion components and controlled commissioning results before service.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	80026-044-02
Approved role	MV SMC Flex starter service
Final validation	Verify diagnostics and controlled starter operation before release.

Engineering Precautions

1	Confirm Allen-Bradley 80026-044-02 and the installed MV SMC Flex bulletin and option set.	2	Isolate medium-voltage and control power and prove the controller safe before access.
3	Use ESD controls and protect every board connector during handling.	4	Record the original board position, cable labels and adjacent gate-driver board arrangement.
5	Verify the controller common-component list and installed options before replacement.	6	Seat all connectors without force and reproduce the documented routing.
7	Restore power through the approved MV SMC Flex test sequence.	8	Verify diagnostics and controlled starter operation before release.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
Allen-Bradley 1794-IV32	Allen-Bradley product	View Allen-Bradley 1794-IV32 page
Allen-Bradley 1786-TPS-C	Allen-Bradley product	View Allen-Bradley 1786-TPS-C page
Allen-Bradley 1785-L40B-E	Allen-Bradley product	View Allen-Bradley 1785-L40B-E page
Allen-Bradley 1785-BEM	Allen-Bradley product	View Allen-Bradley 1785-BEM page
Allen-Bradley 1784-PKTX-B	Allen-Bradley product	View Allen-Bradley 1784-PKTX-B page
Allen-Bradley 1783-ETAP1F	Allen-Bradley product	View Allen-Bradley 1783-ETAP1F page
Allen-Bradley 1771-RTP4	Allen-Bradley product	View Allen-Bradley 1771-RTP4 page
Allen-Bradley 1771-P2	Allen-Bradley product	View Allen-Bradley 1771-P2 page

MANUFACTURER SOURCE RECORD

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