

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.

BRAND	Allen-Bradley	FAMILY	Allen-Bradley SMC Flex
PART	80026-044-02	SYSTEM ROLE	Provides the documented IGDPS board function

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MANUFACTURER SOURCE RECORD

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

Product Overview

SYSTEM FUNCTION

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

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	Allen-Bradley SMC Flex
Primary interface	Provides the documented IGDPS board function
Engineering 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 duty	Verify diagnostics and controlled starter operation before release.

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.

Technical Data

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

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
Allen-Bradley 1756-CNB-E	Allen-Bradley product	View Allen-Bradley 1756-CNB-E page
Allen-Bradley 1734-IB8-D	Allen-Bradley product	View Allen-Bradley 1734-IB8-D page
Allen-Bradley 1492-AIFM8-3	Allen-Bradley product	View Allen-Bradley 1492-AIFM8-3 page
Allen-Bradley 1783-ETAP2F	Allen-Bradley product	View Allen-Bradley 1783-ETAP2F page
Allen-Bradley 2711P-T10C21D8S	Allen-Bradley product	View Allen-Bradley 2711P-T10C21D8S page
Allen-Bradley 2711P-RDT10C	Allen-Bradley product	View Allen-Bradley 2711P-RDT10C page
Allen-Bradley 1766-L32BWA	Allen-Bradley product	View Allen-Bradley 1766-L32BWA page
Allen-Bradley 1756-BA2	Allen-Bradley product	View Allen-Bradley 1756-BA2 page

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.

Applications and Precautions

Common Applications

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.

Product 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.

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.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	80026-044-02
Configuration	Restore power through the approved MV SMC Flex test sequence.
Functional release	Verify diagnostics and controlled starter operation before release.

Engineer FAQ

Q1 **Where is Allen-Bradley 80026-044-02 documented for Medium Voltage SMC Flex service?**

It appears in the official common-component spare-parts tables as the IGDPS board for supported 1503E, 1560E and 1562E controllers.

Q3 **Which host bulletin must be verified before installing Allen-Bradley 80026-044-02?**

Verify the installed 1503E, 1560E or 1562E controller and its exact option set against the official spare-parts table.

Q5 **Which power isolation applies to Allen-Bradley 80026-044-02 replacement?**

Isolate medium-voltage and control power, follow lockout procedures and prove the controller safe before access.

Q7 **What is checked before energizing a controller with Allen-Bradley 80026-044-02?**

Confirm the exact board identity, host bulletin, option set, board position, connector seating and adjacent gate-driver arrangement.

Q2 **How many Allen-Bradley 80026-044-02 boards are listed per supported controller?**

The official table lists one IGDPS board per applicable controller.

Q4 **What adjacent relationship should be recorded before removing Allen-Bradley 80026-044-02?**

Record its controller position, connectors, cable labels and relationship to the installed gate-driver board arrangement.

Q6 **How should Allen-Bradley 80026-044-02 connectors be handled?**

Use ESD controls, label every connection and seat connectors without force in the documented routing.

Q8 **What validates Allen-Bradley 80026-044-02 after replacement?**

Complete the approved MV SMC Flex test sequence and retain the board recognition, diagnostic and controlled starter-operation record.

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