

INDUSTRIAL AUTOMATION PRODUCT

41391-261-52

SMC-Flex Power Pole

Allen-Bradley 41391-261-52 is an SMC-Flex power pole. It forms part of the motor-current power path inside the matching SMC-Flex smart motor controller.

IDENTITY	VERIFIED VALUE
Manufacturer	Allen-Bradley
System family	Allen-Bradley SMC-Flex smart motor controller
Part number	41391-261-52
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

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41391-261-52

2

Technical Specifications

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

PARAMETER	TECHNICAL VALUE
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3

System Role and Architecture

Allen-Bradley 41391-261-52 is an SMC-Flex power pole. It forms part of the motor-current power path inside the matching SMC-Flex smart motor controller.

FUNCTION 1

Forms a replaceable SMC-Flex power-path section

FUNCTION 2

Carries controlled motor line current

FUNCTION 3

Fits the matching SMC-Flex frame assembly

FUNCTION 4

Supports repair of the controller power section

Matched system components

- Matching SMC-Flex controller frame
- Power-pole mounting hardware
- Line and load conductors
- SMC-Flex control module

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4

Applications and Engineering Context

SMC-Flex power-section repair

Forms a replaceable SMC-Flex power-path section

Motor starter maintenance

Carries controlled motor line current

Soft-starter pole replacement

Fits the matching SMC-Flex frame assembly

Power-path fault restoration

Supports repair of the controller power section

TECHNICAL NOTE

Lock out the motor feeder, verify the exact SMC-Flex frame and pole position, torque all power connections to the controller service procedure and complete insulation and phase-current checks.

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5

Engineering Precautions

1

Verify the complete 41391-261-52 marking and the assigned Allen-Bradley SMC-Flex smart motor controller position before field work.

2

Isolate the applicable power, network and field energy before disconnecting 41391-261-52.

3

Use ESD controls and protect the keyed connectors of 41391-261-52 during handling.

4

Record the installed wiring, jumpers, node or channel assignment before replacement.

5

Confirm Matching SMC-Flex controller frame and Power-pole mounting hardware against the approved system configuration.

6

Restore 41391-261-52 under controlled conditions and review the product-specific diagnostics.

7

Complete a functional test for smc-flex power-section repair before production release.

MANUFACTURER SOURCE RECORD

Rockwell Automation Knowledgebase

Replacement for 41391-261-52 SMC-Flex power pole

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