

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.

APTER POWER SALES TEAM

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



SCAN FOR PRODUCT & QUOTE

41391-261-52

PRODUCT SNAPSHOT

BRAND

Allen-Bradley

FAMILY

Allen-Bradley SMC-Flex smart motor control

MODEL

41391-261-52

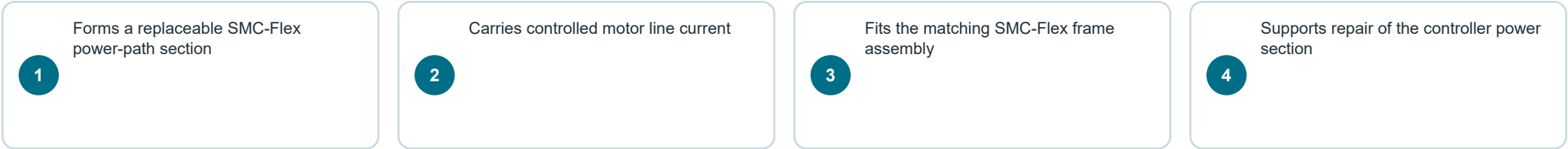
DOCUMENT SET

Technical reference / field workbook / complete information

OFFICIAL PRODUCT DESCRIPTION

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 MAP



TECHNICAL DATA

CURRENT RATING 251 A	LINE VOLTAGE 200–480 V AC
COMPATIBILITY SMC Flex / SMC-3, Series A & B	INTERNAL COMPONENTS 2 SCRs and 1 internal bypass contactor
PART CATEGORY Replacement power pole	PRODUCT-PAGE WEIGHT 0.35 kg
PRODUCT-PAGE DIMENSIONS 22.8 × 11.8 × 5 cm	

ENGINEERING NOTE

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

COMMON APPLICATIONS

1

SMC-Flex power-section repair

2

Motor starter maintenance

3

Soft-starter pole replacement

4

Power-path fault restoration

COMPATIBILITY REVIEW

IDENTITY Exact model and hardware execution: 41391-261-52	HOST PLATFORM Allen-Bradley SMC-Flex smart motor control
PRIMARY COMPANION Matching SMC-Flex controller frame	SECONDARY COMPANION Power-pole mounting hardware
FIELD BOUNDARY Line and load conductors	ACCEPTANCE DUTY SMC-Flex power-section repair

MANUFACTURER SOURCE RECORD

Rockwell Automation Knowledgebase | replacement guidance for 41391-261-52 SMC-Flex power pole

Selection boundary: never transfer ratings, wiring, configuration or compatibility from a visually similar model. Confirm the complete physical label and the manufacturer record for the installed system.

PRODUCT PRECAUTIONS

- 1

Verify the complete 41391-261-52 marking, hardware execution and assigned Allen-Bradley SMC-Flex smart motor control position.
- 2

Place the process in the approved maintenance state and isolate every applicable energy source.
- 3

Record as-found wiring, shields, jumpers, cable tags, slot identity and diagnostics before removing 41391-261-52.
- 4

Use ESD controls and protect keyed connectors, terminals and assemblies while handling 41391-261-52.
- 5

Confirm the installed Matching SMC-Flex controller frame and Power-pole mounting hardware against approved drawings and configuration records.
- 6

Inspect mating hardware, terminal condition, grounding and mechanical retention before installation.
- 7

Restore power or network service in controlled stages; confirm status indications before functional commands.
- 8

Complete a documented functional test for smc-flex power-section repair and retain the as-left record.

COMMISSIONING ACCEPTANCE

MECHANICAL Correct position, retention and terminal condition	ELECTRICAL / NETWORK Supply, grounding, shields, polarity and continuity confirmed
CONFIGURATION Slot, channel, range and companion hardware match approved records	FUNCTIONAL Controlled smc-flex power-section repair test completed without abnormal diagnostics

Related Allen-Bradley drive and control hardware on Apter Power

MODEL	SERIES / SYSTEM ROLE	APTER POWER PAGE
1336T-LM1EN	Allen-Bradley drive interface/control hardware	Open product page
1426-M5E-DNT	Power-monitoring hardware for feeder systems	Open product page
1771-NOC	PLC-5 analog output control module	Open product page
1794-ACNR15	FLEX I/O ControlNet adapter	Open product page

ENGINEER FAQ — 8 MODEL-SPECIFIC CHECKS

Q1	What must be matched before installation?	Match the full 41391-261-52 marking, revision or execution, assigned position and installed companion hardware.
Q2	What should be isolated first?	Use the site's approved maintenance state and isolate the energy sources serving Matching SMC-Flex controller frame and Power-pole mounting hardware.
Q3	What as-found record is required?	Record terminal identity, polarity, shields, jumpers, cable tags, configuration and diagnostic status.
Q4	Which compatibility check is mandatory?	Compare the Allen-Bradley SMC-Flex smart motor control slot, interface, companion hardware and wiring scheme with approved project documentation.
Q5	How should commissioning begin?	Begin with visual and continuity checks, then restore service in stages and observe normal status indications.
Q6	How should the assigned function be proved?	Use a controlled test for smc-flex power-section repair while required interlocks and process safeguards remain effective.
Q7	What should be checked after an abnormal result?	Recheck seating, terminations, supply or network condition, channel assignment and manufacturer diagnostics before further replacement.
Q8	What evidence should be retained?	Retain the 41391-261-52 identity, as-left wiring/configuration, final diagnostics and functional-test result.

MANUFACTURER SOURCE RECORD

Rockwell Automation Knowledgebase | replacement guidance for 41391-261-52 SMC-Flex power pole