

SMC FLEX

# Product Data Sheet

**41391-454-01-S1FX**

Standard soft-starter control module

| CONTROL INPUT VOLTAGE | CONTROL SUPPLY FREQUENCY | COMPATIBLE STARTER LINE VOLTAGE | CONTROL TERMINAL STRIP LENGTH |
|-----------------------|--------------------------|---------------------------------|-------------------------------|
| 100 to 240 V AC       | 50/60 Hz                 | 200 to 600 V AC                 | 5.6 to 8.6 mm                 |

Allen-Bradley 41391-454-01-S1FX is the standard replacement control module for compatible SMC Flex soft starters. Rockwell identifies the internal module as 150-FS1FX and assigns this replacement to the 100 to 240 V control-input version of the 200 to 600 V SMC Flex controller range.

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## VERIFIED TECHNICAL DATA

|                                 |                                 |
|---------------------------------|---------------------------------|
| Control input voltage           | 100 to 240 V AC                 |
| Control supply frequency        | 50/60 Hz                        |
| Compatible starter line voltage | 200 to 600 V AC                 |
| Control terminal strip length   | 5.6 to 8.6 mm                   |
| Display construction            | Backlit LCD                     |
| Display capacity                | 3 lines, 16 characters per line |
| Keypad                          | 5 keys                          |
| Auxiliary contacts              | 4 configurable contacts         |
| DPI peripheral capacity         | 2 devices                       |
| DPI maximum output current      | 280 mA                          |

## ADDITIONAL PRODUCT DATA

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|                            |                             |
|----------------------------|-----------------------------|
| Serial interface           | DPI                         |
| DataLink word length       | 16 bits                     |
| Control terminal wire size | 0.75 to 2.5 mm <sup>2</sup> |
| Control terminal torque    | 0.6 N m                     |
| Soft-start time setting    | 0 to 30 s                   |

## DOCUMENTED USE SETTINGS

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Municipal Water Supply and Wastewater Treatment: Municipal Water Supply.

Metal Ore Mining and Mineral Processing: Metal Ore Mining.

Industrial Manufacturing and Automated Production Processing: Industrial Manufacturing Production.

## SYSTEM COMPATIBILITY

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## PRODUCT EVIDENCE

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Allen-Bradley SMC Flex applicable manufacturer documentation

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