

# 150F108NBRB

Allen-Bradley SMC Flex Soft Starter 480V 108A ND3W 24VAC  
and VDC Control Pump Control



SOFT STARTERS



**Allen-Bradley**



|                |              |
|----------------|--------------|
| Component type | Soft starter |
| Range          | SMC Flex     |
| Model          | N/A          |
| Product status | Existing     |

The Allen-Bradley SMC Flex Soft Starters feature integral bypass and flexible communications providing advanced performance, diagnostics, and protection. Available with a current range from 5A to 1250A, modular in design for installation and commissioning, with built-in LCD displays and communication modules ensuring connection to multiple networks.

## ELECTRICAL

|                                                       |                  |
|-------------------------------------------------------|------------------|
| Rated power three-phase motor, inline, at 400 V       | 55 kW            |
| Rated power three-phase motor, inside delta, at 400 V | 90 kW            |
| Rated operating voltage Ue                            | 200-480 V        |
| Integrated motor overload protection                  | Yes              |
| Release class                                         | Adjustable       |
| Internal bypass                                       | Yes              |
| Control supply voltage Us at AC 50HZ                  | 24 V             |
| Control supply voltage Us at AC 60HZ                  | 24 V             |
| Voltage type for actuating                            | AC/DC            |
| Control supply voltage Us at DC                       | 24 V             |
| Function                                              | Single direction |

## CONSTRUCTION

|              |      |
|--------------|------|
| With display | Yes  |
| IP rating    | IP00 |

## DIMENSIONS

|        |          |
|--------|----------|
| Height | 443.7 mm |
| Width  | 196.4 mm |
| Depth  | 212.2 mm |
| Weight | 15 kg    |

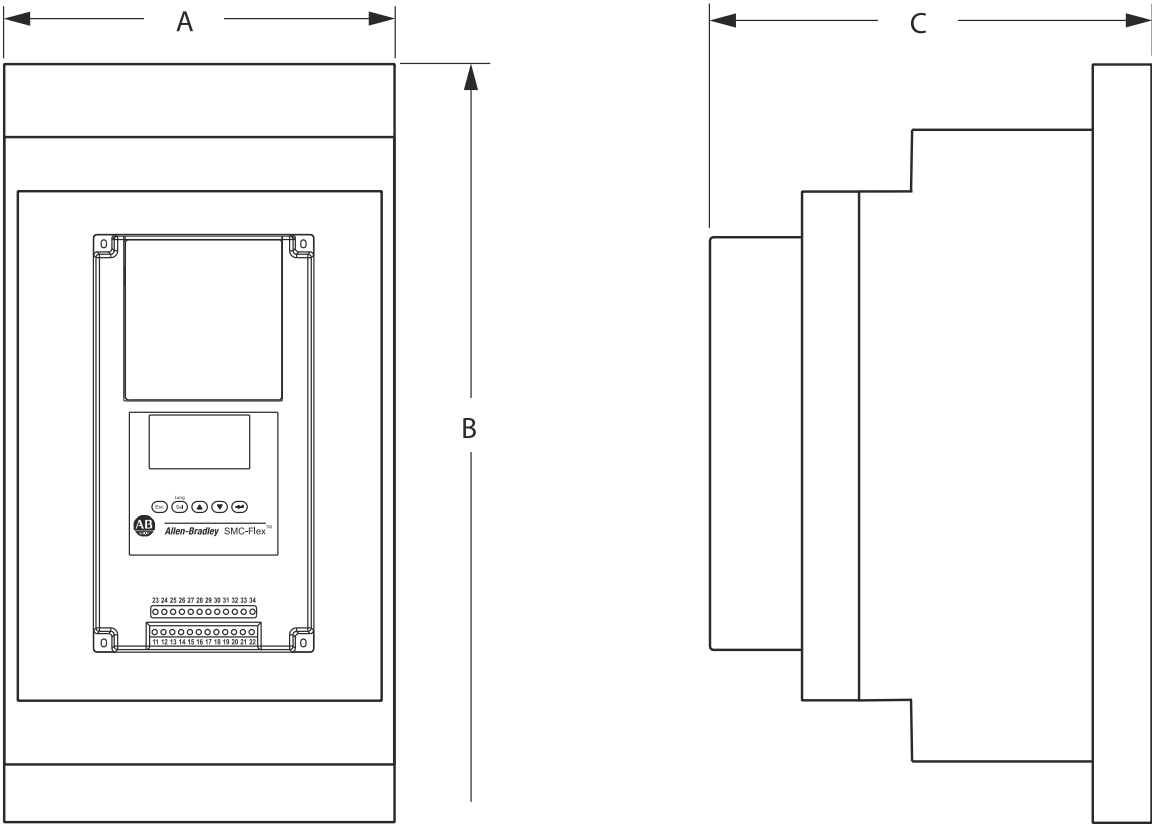
## ENVIRONMENT

|                                                |       |
|------------------------------------------------|-------|
| Rated surrounding temperature without derating | 40 °C |
|------------------------------------------------|-------|

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## DIMENSIONAL DIAGRAM



Dimensions are in millimeters (inches).

| Rated Current [A] | B Height       | A Width       | C Depth       | Weight            |
|-------------------|----------------|---------------|---------------|-------------------|
| 5...85            | 321.0 (12.60)  | 150.0 (5.90)  | 203.0 (8.00)  | 5.7 kg (12.5 lb)  |
| 108...135         | 443.7 (17.47)  | 196.4 (7.74)  | 212.2 (8.35)  | 15.0 kg (33.0 lb) |
| 201...251         | 560.0 (22.05)  | 225.0 (8.86)  | 253.8 (9.99)  | 30.4 kg (67.0 lb) |
| 317...480         | 600.0 (23.62)  | 290.0 (11.42) | 276.5 (10.89) | 45.8 kg (101 lb)  |
| 625...780         | 1041.1 (41.00) | 596.9 (23.50) | 346.2 (13.63) | 179 kg (395 lb)   |
| 970...1250        | 1041.1 (41.00) | 596.9 (23.50) | 346.2 (13.63) | 224 kg (495 lb)   |