# 150F25NBR

**Allen-Bradley SMC Flex Soft Starter 480V 25A ND3W 24VAC and VDC Control**

SOFT STARTERS




| | |
|---|---|
| **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** | 11 kW |
| | **Rated power three-phase motor, inside delta, at 400 V** | 22 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** | IP20 |
| **DIMENSIONS** | **Height** | 321 mm |
| | **Width** | 150 mm |
| | **Depth** | 203 mm |
| | **Weight** | 5.7 kg |
| **ENVIRONMENT** | **Rated surrounding temperature without derating** | 40 °C |



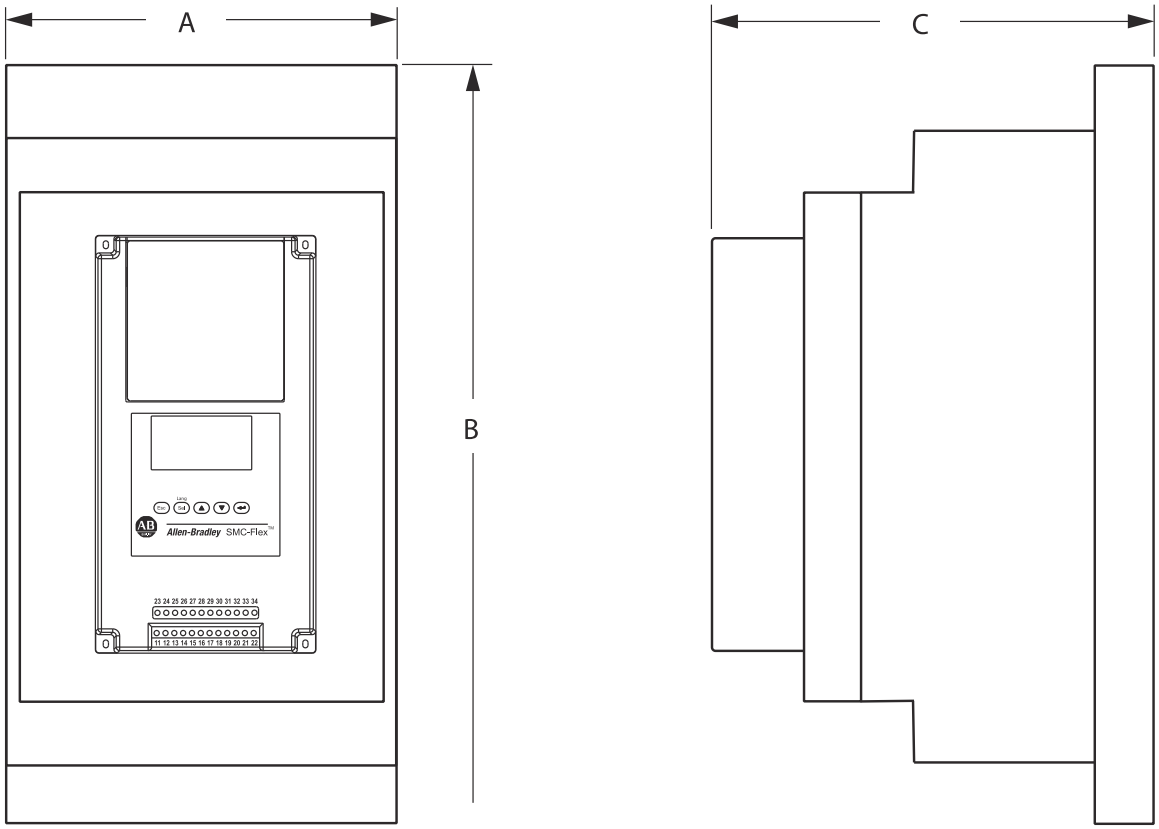
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## DIMENSIONAL DIAGRAM




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) |

## RELATED PRODUCTS

### ACCESSORY



**Item No:** 150F84

**Required:** No

**Description:** Allen-Bradley SMC Flex Soft Starter Protection Module 480V for 150F 5 and 85A



**Item No:** 150F84L

**Required:** No

**Description:** Allen-Bradley SMC Flex Soft Starter Protection Module 480V for 150F 90 and 520A





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## RELATED PRODUCTS

### ACCESSORY



**Item No:** 150F86

**Required:** No

**Description:** Allen-Bradley SMC Flex Soft Starter Protection Module 600V for 150F 5 and 85A



**Item No:** 150F86L

**Required:** No

**Description:** Allen-Bradley SMC Flex Soft Starter Protection Module 600V for 150F 90 and 520A



**Item No:** 150TC1

**Required:** No

**Description:** Allen-Bradley SMC Flex Soft Starter Terminal Cover for IP20 Rating for 150F 108 to 135A



**Item No:** 150TC2

**Required:** No

**Description:** Allen-Bradley SMC Flex Soft Starter Terminal Cover for IP20 Rating for 150F 201 to 251A



**Item No:** 150TC3

**Required:** No

**Description:** Allen-Bradley SMC Flex Soft Starter Terminal Cover for IP20 Rating for 150F 317 to 480A



**Item No:** 20COMMC

**Required:** No

**Description:** Allen-Bradley PowerFlex VSD Coaxial ControlNet Communication Module



**Item No:** 20COMMD

**Required:** No

**Description:** Allen-Bradley PowerFlex VSD DeviceNet Communication Module



**Item No:** 20COMME

**Required:** No

**Description:** Allen-Bradley PowerFlex VSD Single Port EtherNet IP Communication Module



**Item No:** 20COMMER

**Required:** No

**Description:** Allen-Bradley SMC Flex PowerFlex 7 Dual Port EtherNet IP Communication Module



**Item No:** 825CBCT

**Required:** No

**Description:** Allen-Bradley SMC 50 Core Balance Transformer 110 mm Window 100 to 1 Ratio





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