150F317NBD

Allen-Bradley SMC Flex Soft Starter 480V 317A ND3W 100 to 240VAC 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	160 kW
	Rated power three-phase motor, inside delta, at 400 V	315 kW
	Rated operating voltage Ue	200-480 V
	Integrated motor overload protection	Yes
	Release class	Adjustable
	Internal bypass	Yes
	Voltage type for actuating	AC
	Rated control supply voltage Us at AC 50HZ	100-240 V
	Rated control supply voltage Us at AC 60HZ	100-240 V
	Function	Single direction
CONSTRUCTION	With display	Yes
	IP rating	IP00
DIMENSIONS	Height	600 mm
	Width	290 mm
	Depth	276.5 mm
	Weight	45.8 kg
ENVIRONMENT	Rated surrounding temperature without derating	40 °C

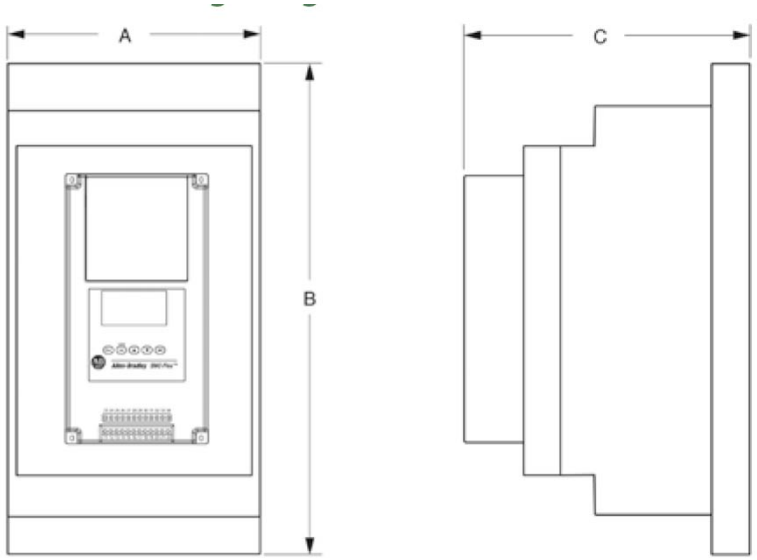
Published on 30 September 2026

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DIMENSIONAL DIAGRAM



A	B	C	Kg	Cat. No.
150.0	321.0	230.0	5.7	**150-F5...85**
196.4	443.7	212.2	15.0	**150-F108...135**
225.0	560.0	253.8	30.4	**150-F201...251**
290.0	600.0	276.5	45.8	**150-F317...480**
596.9	1041.1	346.2	179	**150-F625...780**
596.9	1041.1	346.2	224	**150-F970...1250**

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



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

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SOFT STARTERS

RELATED PRODUCTS

ACCESSORY



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