

Product Details and Certifications

Cross Reference RA Part Number: 150-F108NBDD B

 **Product: 150-F108NBDD**

Description: SMC-Flex, Solid State Controller, Open, 108A, 20...75Hp @ 460V AC,
Input Volt.: 200...480V, Control Volt.: 100...240V AC, Braking Control Option



Representative Photo Only (actual product may vary based on configuration sections)

CONTROLLER DATA

Bulletin Number	150-F Solid State Controller
Enclosure Type	Open
Input Line Voltage	200..480V AC 50/60Hz
Control Voltage	100...240V AC
Phase	3 PH
Amperage Rating	108 A

OPTIONS

Control Options	Braking Control
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CERTIFICATIONS AND APPROVALS

UL
CSA
EN/IEC
CE

For UL Certifications Directory:

<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

SMC Flex Controllers

The SMC Flex controller is modular so that it can help simplify installation and commissioning. A built-in LCD display, keypad, and flexible communications provide optimized configuration, advanced performance, diagnostics, and protection. Three-phase control, electronic overload, and integrated bypass along with removable control module, power modules, and fan assembly are combined in a cost-effective package for your demanding applications.

Modes of operation include the following:

- Soft Start
- Current Limit Start
- Selectable Kickstart
- Coast-to-rest
- Soft Stop
- Full Voltage Start
- Dual Ramp Start
- Pump Start
- Preset Slow Speed
- Pump Stop
- Smart Motor Braking
- Accu-Stop
- Slow Speed with Braking
- Linear Speed Acceleration (Tachometer required)

Catalog Number Explanation

Examples that are given in this section are not intended to be used for product selection. Use ProposalWorks to configure the SMC Flex controller. ProposalWorks is available from <http://www.rockwellautomation.com/global/e-tools/overview.page>.

a		b		c		d	
Bulletin Number		Controller Rating		Enclosure Type		Input Line Voltage	
Code	Description	Code	Description	Code	Description	Code	Description
150	Solid-state Controller	F5	5 A, 3 Hp @ 460V AC	N	Open	B	200...460V AC, 3-Phase, 50 and 60 Hz
		F25	25 A, 15 Hp @ 460V AC			C	200...575V AC, 3-Phase, 50 and 60 Hz
		F43	43 A, 30 Hp @ 460V AC			Z	230...690V AC, 3-Phase, 50 and 60 Hz (Open only, 108 A and above) (690V AC line connected only)
		F60	60 A, 40 Hp @ 460V AC				
		F85	85 A, 60 Hp @ 460V AC				
		F108	108 A, 75 Hp @ 460V AC				
		F135	135 A, 100 Hp @ 460V AC				
		F201	201 A, 150 Hp @ 460V AC				
		F251	251 A, 200 Hp @ 460V AC				
		F317	317 A, 250 Hp @ 460V AC				
		F361	361 A, 300 Hp @ 460V AC				
		F480	480 A, 400 Hp @ 460V AC				
		F625	625 A, 500 Hp @ 460V AC				
		F780	780 A, 600 Hp @ 460V AC				
		F970	970 A, 800 Hp @ 460V AC				
		F1250	1250 A, 1000 Hp @ 460V AC				

e		f	
Control Voltage		Options - Select only one	
Code	Description	Code	Description
D	100...240V AC (5...480 A units)	Blank	Standard
R	24V AC/DC (5...480 A units)	B	Pump Control
E	110/120V AC (625...1250 A units)	D	Braking Control
A	230/240V AC (625...1250 A units)		