

Open Type and Non-Combination Enclosed (IP65, Type 4/12) Controllers — For use with Line-Connected Motors

Enclosures other than those listed are available; consult your local Rockwell Automation sales office or Allen-Bradley distributor.

Rated Voltage [V AC]	Motor Current [A]⊛	Max. kW, 50 Hz	Max. Hp, 60 Hz	Control Power	Open Type — Line-Connected Motors*	IP65 (Type 4/12) Enclosed Non-Combination Controllers§➤
					Cat. No.	Cat. No.
200/208	1...5	—	1	100...240V AC, 50/60 Hz	150-F5NBD	150-F5FHD
				24V AC/DC♣	150-F5NBR	—
	5...25	—	5	100...240V AC, 50/60 Hz	150-F25NBD	150-F25FHD
				24V AC/DC♣	150-F25NBR	—
	8.6...43	—	10	100...240V AC, 50/60 Hz	150-F43NBD	150-F43FHD
				24V AC/DC♣	150-F43NBR	—
	12...60	—	15	100...240V AC, 50/60 Hz	150-F60NBD	150-F60FHD
				24V AC/DC♣	150-F60NBR	—
	17...85	—	25	100...240V AC, 50/60 Hz	150-F85NBD	150-F85FHD
				24V AC/DC♣	150-F85NBR	—
	27...108	—	30	100...240V AC, 50/60 Hz	150-F108NBD	150-F108FHD
				24V AC/DC♣	150-F108NBR	—
	34...135	—	40	100...240V AC, 50/60 Hz	150-F135NBD	150-F135FHD
				24V AC/DC♣	150-F135NBR	—
	67...201	—	60	100...240V AC, 50/60 Hz	150-F201NBD	150-F201FHD
				24V AC/DC♣	150-F201NBR	—
	84...251	—	75	100...240V AC, 50/60 Hz	150-F251NBD	150-F251FHD
				24V AC/DC♣	150-F251NBR	—
	106...317	—	100	100...240V AC, 50/60 Hz	150-F317NBD	150-F317FHD
				24V AC/DC♣	150-F317NBR	—
	120...361	—	125	100...240V AC, 50/60 Hz	150-F361NBD	150-F361FHD
				24V AC/DC♣	150-F361NBR	—
	160...480	—	150	100...240V AC, 50/60 Hz	150-F480NBD	150-F480FHD
				24V AC/DC♣	150-F480NBR	—
208...625	—	200	110/120V AC, 50/60 Hz	150-F625NBE	⊛ 150-F625JHE	
			230/240V AC, 50/60 Hz	150-F625NBA	⊛ 150-F625JHA	
260...780	—	250	110/120V AC, 50/60 Hz	150-F780NBE	⊛ 150-F780JHE	
			230/240V AC, 50/60 Hz	150-F780NBA	⊛ 150-F780JHA	
323...970	—	350	110/120V AC, 50/60 Hz	150-F970NBE	—	
			230/240V AC, 50/60 Hz	150-F970NBA	—	
416...1250	—	400	110/120V AC, 50/60 Hz	150-F1250NBE	—	
			230/240V AC, 50/60 Hz	150-F1250NBA	—	

* Controllers rated 108 A and greater are not equipped with line and load terminal lugs. See page 4-126 for terminal lug kits.

⊛ Motor FLA rating should fall within specified current range for unit to operate properly. Special consideration should be given when using a motor with a potentially high starting current (greater than ten times motor FLA) with the SMC Flex in the "Full Voltage" starting mode. Contact Rockwell Automation technical support for further guidance.

§ These controllers require a separate 100...240V, 50/60 Hz single-phase control source. To add a control circuit transformer to the enclosure, add the appropriate option code to the catalog string.

♣ Separate 120V or 240V single-phase power supply is required for fan operation.

➤ Line and load termination are provided as standard.

⊛ Available in IP54 (Type 12) enclosure only.