



PowerFlex 755 AC Drive

Designed for ease of integration, application flexibility and performance the PowerFlex 755 AC drive provides improved functionality across many manufacturing systems. The PowerFlex 755 AC drive is designed to maximize user's investment and help improve productivity. Ideal for applications that require safety, high motor control performance, and application flexibility, the PowerFlex 755 is highly functional and cost effective solution.

With the added capability of integrated motion, PowerFlex and Kinetix® drives can be on the same network – EtherNet/IP – and configured, programmed and controlled using the same motion instruction sets.

Ratings	380...480V: 0.75...450 kW / 1...700 Hp / 2.1...832 A
Motor Control	<ul style="list-style-type: none"> • V/Hz Control • Vector Control with FORCE Technology • Sensorless Vector Control • Permanent Magnet Motor Control • Kinematics and multi-axis support
Communications	Embedded EtherNet/IP port standard, Common Industrial Protocol
User Interface	HIM (option)
Enclosures	IP00/IP20, Flange Mount, IP54/NEMA/UL Type 12, IP20 MCC Style Cabinet
Safety	<ul style="list-style-type: none"> • Safe Torque-Off PLe/SIL3 Cat. 3 • Safe Speed Monitor PLe/SIL3 Cat. 4
Additional Features	<ul style="list-style-type: none"> • DeviceLogix • Configure and control with motion instruction sets in RSLogix 5000 (v19) • Preventative Diagnostics • Five option slots for I/O, feedback, safety, auxiliary control power, communications • Accurate positioning with PCAM, Indexer, Electronic Gearing, and speed/position profiling • Incremental and Absolute feedback supported • TorqProve for lifting applications • Pump Jack and Pump Off for oil well applications • Pjump and Traverse for Fibers application • Conformal Coating • Internal Brake IGBT standard on Frames 2...5 and optional on Frames 6...7 • DC Link Choke • AC line fuses included with Frame 8 drives • Roll-out design for Frame 8 drives
Certifications	<ul style="list-style-type: none"> • UL • cUL • CE • C-Tick • SEMI F47 • GOST-R • TÜV FS ISO/EN13849-1 (EN954-1) with Safe Torque-Off option • Meets material restrictions specified in the RoHS directive
Options	See pages 64... 86
Additional Information	PowerFlex 750-Series Product Profile, publication 750-PP001 PowerFlex 750-Series Technical Data, publication 750-TD001 PowerFlex 755 with Integrated Motion, publication 755-PP001

IP00/IP20, NEMA/UL Type Open ❖

380...480V AC, Three-Phase Drives

480V AC Input					400V AC Input					Frame Size		
Output Amps ‡			Normal Duty Hp	Heavy Duty Hp	Cat. No.	Output Amps ‡			Normal Duty kW		Heavy Duty kW	Cat. No. *
Cont.	1 Min.	3 Sec.				Cont.	1 Min.	3 Sec.				
2.1	3.1	3.7	1	1	20G11ND2P1AA0NNNNN	2.1	3.1	3.7	0.75	0.75	20G11NC2P1JA0NNNNN	2 §
3.4	5.1	6.1	2	2	20G11ND3P4AA0NNNNN	3.5	5.2	6.3	1.5	1.5	20G11NC3P5JA0NNNNN	2 §
5	7.5	9	3	3	20G11ND5P0AA0NNNNN	5	7.5	9.0	2.2	2.2	20G11NC5P0JA0NNNNN	2 §
8	12	14.4	5	5	20G11ND8P0AA0NNNNN	8.7	13	15.6	4	4	20G11NC8P7JA0NNNNN	2 §
11	16.5	19.8	7.5	7.5	20G11ND011AA0NNNNN	11.5	17.2	20.7	5.5	5.5	20G11NC011JA0NNNNN	2 §
14 (11)	15.4 (16.5)	21 (21)	10	7.5	20G11ND014AA0NNNNN	15.4 (11.5)	16.9 (17.3)	23.1 (23.1)	7.5	5.5	20G11NC015JA0NNNNN	2
22 (14)	24.2 (21)	33 (33)	15	10	20G11ND022AA0NNNNN	22 (15.4)	24.2 (23.1)	33 (33)	11	7.5	20G11NC022JA0NNNNN	2
27 (22)	29.7 (33)	40.5 (40.5)	20	15	20G11ND027AA0NNNNN	30 (22)	33 (33)	45 (45)	15	11	20G11NC030JA0NNNNN	3
34 (27)	37.4 (40.5)	51 (51)	25	20	20G11ND034AA0NNNNN	37 (30)	40.7 (45)	55.5 (55.5)	18.5	15	20G11NC037JA0NNNNN	3
40 (34)	44 (51)	60 (61.2)	30	25	20G11ND040AA0NNNNN	43 (37)	47.3 (55.5)	64.5 (66.6)	22	18.5	20G11NC043JA0NNNNN	3
52 (40)	57.2 (60)	78 (78)	40	30	20G11ND052AA0NNNNN	60 (43)	66 (66)	90 (90)	30	22	20G11NC060JA0NNNNN	4
65 (52)	71.5 (78)	97.5 (97.5)	50	40	20G11ND065AA0NNNNN	72 (60)	79.2 (90)	108 (108)	37	30	20G11NC072JA0NNNNN	4
77 (65)	84.7 (97.5)	115.5 (117)	60	50	20G11ND077AA0NNNNN	85 (72)	93.5 (108)	127.5 (129.6)	45	37	20G11NC085JA0NNNNN	5
96 (77)	105.6 (115.5)	144 (144)	75	60	20G11ND096AA0NNNNN	104 (85)	114.4 (127.5)	156 (156)	55	45	20G11NC104JA0NNNNN	5
125 (96)	137.5 (144)	187.5 (187.5)	100	75	20G1AND125AN0NNNNN	140 (104)	154 (156)	210 (210)	75	55	20G1ANC140JN0NNNNN	6 ¶
156 (125)	171.6 (187.5)	234 (234)	125	100	20G1AND156AN0NNNNN	170 (140)	187 (210)	255 (255)	90	75	20G1ANC170JN0NNNNN	6 ¶
186 (156)	204.6 (234)	279 (280.8)	150	125	20G1AND186AN0NNNNN	205 (170)	225.5 (255)	307.5 (307.5)	110	90	20G1ANC205JN0NNNNN	6 ¶
248 (186)	272.8 (279)	372 (372)	200	150	20G1AND248AN0NNNNN	260 (205)	286 (307.5)	390 (390)	132	110	20G1ANC260JN0NNNNN	6 ¶
302 (248)	332.2 (372)	453 (453)	250	200	20G1AND302AN0NNNNN	302 (260)	332.2 (390)	453 (468)	160	132	20G1ANC302JN0NNNNN	7 ¶
361 (302)	397.1 (453)	541.5 (543.6)	300	250	20G1AND361AN0NNNNN	367 (302)	403.7 (453)	550.5 (550.5)	200	160	20G1ANC367JN0NNNNN	7 ¶
415 (361)	456.5 (541.5)	622.5 (649.8)	350	300	20G1AND415AN0NNNNN	456 (367)	501.6 (550.5)	684 (684)	250	200	20G1ANC456JN0NNNNN	7 ¶

❖ Frames 2...5 are IP20, Frames 6...7 are IP00.

* The 11th character determines default Filtering and Common Mode Cap jumper configuration. "J" = Installed, "A" = Removed.

¶ Also available with internal Brake IGBT (20G1xxxxxx A xxxxxx).

‡ Some drives have dual current ratings; one for normal duty applications, and one for heavy duty applications (in parenthesis). The drive may be operated at either rating.

§ Contact your local Rockwell Automation sales office or Allen-Bradley distributor for availability.

IP54, NEMA/UL Type 12

380...480V AC, Three-Phase Drives

480V AC Input						400V AC Input						Frame Size
Output Amps ‡			Normal Duty Hp	Heavy Duty Hp	Cat. No.	Output Amps ‡			Normal Duty kW	Heavy Duty kW	Cat. No. *	
Cont.	1 Min.	3 Sec.				Cont.	1 Min.	3 Sec.				
2.1	3.1	3.7	1	1	20G11GD2P1AA0NNNNN	2.1	3.1	3.7	0.75	0.75	20G11GC2P1JA0NNNNN	2 §
3.4	5.1	6.1	2	2	20G11GD3P4AA0NNNNN	3.5	5.2	6.3	1.5	1.5	20G11GC3P5JA0NNNNN	2 §
5	7.5	9	3	3	20G11GD5P0AA0NNNNN	5	7.5	9.0	2.2	2.2	20G11GC5P0JA0NNNNN	2 §
8	12	14.4	5	5	20G11GD8P0AA0NNNNN	8.7	13	15.6	4	4	20G11GC8P7JA0NNNNN	2 §
11	16.5	19.8	7.5	7.5	20G11GD011AA0NNNNN	11.5	17.2	20.7	5.5	5.5	20G11GC011JA0NNNNN	2 §
14 (11)	15.4 (16.5)	21 (21)	10	7.5	20G11GD014AA0NNNNN	15.4 (11.5)	16.9 (17.3)	23.1 (23.1)	7.5	5.5	20G11GC015JA0NNNNN	2
22 (14)	24.2 (21)	33 (33)	15	10	20G11GD022AA0NNNNN	22 (15.4)	24.2 (23.1)	33 (33)	11	7.5	20G11GC022JA0NNNNN	2
27 (22)	29.7 (33)	40.5 (40.5)	20	15	20G11GD027AA0NNNNN	30 (22)	33 (33)	45 (45)	15	11	20G11GC030JA0NNNNN	3
34 (27)	37.4 (40.5)	51 (51)	25	20	20G11GD034AA0NNNNN	37 (30)	40.7 (45)	55.5 (55.5)	18.5	15	20G11GC037JA0NNNNN	3
40 (34)	44 (51)	60 (61.2)	30	25	20G11GD040AA0NNNNN	43 (37)	47.3 (55.5)	64.5 (66.6)	22	18.5	20G11GC043JA0NNNNN	3
52 (40)	57.2 (60)	78 (78)	40	30	20G11GD052AA0NNNNN	60 (43)	66 (66)	90 (90)	30	22	20G11GC060JA0NNNNN	4
65 (52)	71.5 (78)	97.5 (97.5)	50	40	20G11GD065AA0NNNNN	72 (60)	79.2 (90)	108 (108)	37	30	20G11GC072JA0NNNNN	5
77 (65)	84.7 (97.5)	115.5 (117)	60	50	20G11GD077AA0NNNNN	85 (72)	93.5 (108)	127.5 (129.6)	45	37	20G11GC085JA0NNNNN	5
96 (77)	105.6 (115.5)	144 (144)	75	60	20G1AGD096AN0NNNNN	104 (85)	114.4 (127.5)	156 (156)	55	45	20G1AGC104JN0NNNNN	6 ¶
125 (96)	137.5 (144)	187.5 (187.5)	100	75	20G1AGD125AN0NNNNN	140 (104)	154 (156)	210 (210)	75	55	20G1AGC140JN0NNNNN	6 ¶
156 (125)	171.6 (187.5)	234 (234)	125	100	20G1AGD156AN0NNNNN	170 (140)	187 (210)	255 (255)	90	75	20G1AGC170JN0NNNNN	6 ¶
186 (156)	204.6 (234)	279 (280.8)	150	125	20G1AGD186AN0NNNNN	205 (170)	225.5 (255)	307.5 (307.5)	110	90	20G1AGC205JN0NNNNN	6 ¶
248 (186)	272.8 (279)	372 (372)	200	150	20G1AGD248AN0NNNNN	260 (205)	286 (307.5)	390 (390)	132	110	20G1AGC260JN0NNNNN	7 ¶
302 (248)	332.2 (372)	453 (453)	250	200	20G1AGD302AN0NNNNN	302 (260)	332.2 (390)	453 (468)	160	132	20G1AGC302JN0NNNNN	7 ¶
361 (302)	397.1 (453)	541.5 (543.6)	300	250	20G1AGD361AN0NNNNN	367 (302)	403.7 (453)	550.5 (550.5)	200	160	20G1AGC367JN0NNNNN	7 ¶
415 (361)	456.5 (541.5)	622.5 (649.8)	350	300	20G1AGD415AN0NNNNN	456 (367)	501.6 (550.5)	684 (684)	250	200	20G1AGC456JN0NNNNN	7 ¶

* The 11th character determines default Filtering and Common Mode Cap jumper configuration. "J" = Installed, "A" = Removed.

¶ Also available with internal Brake IGBT (20G1xxxxxx A xxxxxx).

‡ Some drives have dual current ratings; one for normal duty applications, and one for heavy duty applications (in parenthesis). The drive may be operated at either rating.

§ Contact your local Rockwell Automation sales office or Allen-Bradley distributor for availability.

Flange Mount
Front = IP20, NEMA/UL Type Open, Back/Heatsink = IP66, NEMA/UL Type 4X

380...480V AC, Three-Phase Drives

480V AC Input					400V AC Input					Frame Size		
Output Amps ‡			Normal Duty Hp	Heavy Duty Hp	Cat. No.	Output Amps ‡			Normal Duty kW		Heavy Duty kW	Cat. No. *
Cont.	1 Min.	3 Sec.				Cont.	1 Min.	3 Sec.				
2.1	3.1	3.7	1	1	20G11FD2P1AA0NNNNN	2.1	3.1	3.7	0.75	0.75	20G11FC2P1JA0NNNNN	2 §
3.4	5.1	6.1	2	2	20G11FD3P4AA0NNNNN	3.5	5.2	6.3	1.5	1.5	20G11FC3P5JA0NNNNN	2 §
5	7.5	9	3	3	20G11FD5P0AA0NNNNN	5	7.5	9.0	2.2	2.2	20G11FC5P0JA0NNNNN	2 §
8	12	14.4	5	5	20G11FD8P0AA0NNNNN	8.7	13	15.6	4	4	20G11FC8P0JA0NNNNN	2 §
11	16.5	19.8	7.5	7.5	20G11FD011AA0NNNNN	11.5	17.2	20.7	5.5	5.5	20G11FC011JA0NNNNN	2 §
14 (11)	15.4 (16.5)	21 (21)	10	7.5	20G11FD014AA0NNNNN	15.4 (11.5)	16.9 (17.3)	23.1 (23.1)	7.5	5.5	20G11FC015JA0NNNNN	2
22 (14)	24.2 (21)	33 (33)	15	10	20G11FD022AA0NNNNN	22 (15.4)	24.2 (23.1)	33 (33)	11	7.5	20G11FC022JA0NNNNN	2
27 (22)	29.7 (33)	40.5 (40.5)	20	15	20G11FD027AA0NNNNN	30 (22)	33 (33)	45 (45)	15	11	20G11FC030JA0NNNNN	3
34 (27)	37.4 (40.5)	51 (51)	25	20	20G11FD034AA0NNNNN	37 (30)	40.7 (45)	55.5 (55.5)	18.5	15	20G11FC037JA0NNNNN	3
40 (34)	44 (51)	60 (61.2)	30	25	20G11FD040AA0NNNNN	43 (37)	47.3 (55.5)	64.5 (66.6)	22	18.5	20G11FC043JA0NNNNN	3
52 (40)	57.2 (60)	78 (78)	40	30	20G11FD052AA0NNNNN	60 (43)	66 (66)	90 (90)	30	22	20G11FC060JA0NNNNN	4
65 (52)	71.5 (78)	97.5 (97.5)	50	40	20G11FD065AA0NNNNN	72 (60)	79.2 (90)	108 (108)	37	30	20G11FC072JA0NNNNN	4
77 (65)	84.7 (97.5)	115.5 (117)	60	50	20G11FD077AA0NNNNN	85 (72)	93.5 (108)	127.5 (129.6)	45	37	20G11FC085JA0NNNNN	5
96 (77)	105.6 (115.5)	144 (144)	75	60	20G11FD096AA0NNNNN	104 (85)	114.4 (127.5)	156 (156)	55	45	20G11FC104JA0NNNNN	5

Note: Frames 6...7 require an optional user installed flange kit with an IP00, NEMA/UL Type Open drive.

* The 11th character determines default Filtering and Common Mode Cap jumper configuration. "J" = Installed, "A" = Removed.

‡ Some drives have dual current ratings; one for normal duty applications, and one for heavy duty applications (in parenthesis). The drive may be operated at either rating.

§ Contact your local Rockwell Automation sales office or Allen-Bradley distributor for availability.

DC Input Drives

DC Bus Bars for Frame 6 & 7 are not included in the standard catalog numbers provided, however user installed kits are available (see page 68).

315 kW / 400 Hp to 450 kW / 700 Hp



IP20, NEMA/UL Type 1 Drive (2500 MCC Style Cabinet)

Important: A Roll-out Cart (sold separately) is required for installation.

- includes:
- DC link choke
 - AC line fuses
 - Roll-out design



IP20, NEMA/UL Type 1 Drive and Cabinet Options (2500 MCC Style Cabinet)

Important: A Roll-out Cart (sold separately) is required for installation.

- includes:
- DC link choke
 - AC line fuses
 - Roll-out design
 - Option bay for control/protection devices



Roll-out Cart

- Required for Frame 8 drives
- Adjustable Curb Height: 0...182 mm (0...7.2 in.)
- Adjustment for Curb Offset/Reach: 0...114 mm (0...4.5 in.)

Power Wiring Options

Cable Option	Wire Entry/Exit Location	IP20, NEMA/UL Type 1 Drive (2500 MCC Style Cabinet)		IP20, NEMA/UL Type 1 Drive and Cabinet Options (2500 MCC Style Cabinet)	
		600 mm (23.6 in.) Deep Drive Bay	800 mm (31.5 in.) Deep Drive Bay	600 or 800 mm Deep Drive Bay w/600 mm Wide Wiring Only Bay	600 or 800 mm Deep Drive Bay w/600 mm Cabinet Options Bay
Armored Cable with Conduit Hubs	Top Entry, Bottom Exit		✓	✓	✓
	Bottom Entry, Bottom Exit		✓	✓	
	Top Entry, Top Exit		✓	✓	
Shielded Cable with Conduit Hubs	Top Entry, Bottom Exit	✓	✓	✓	✓
	Bottom Entry, Bottom Exit		✓	✓	
	Top Entry, Top Exit		✓	✓	✓ ♣
Shielded Cable without Conduit Hubs ➤	Bottom Entry, Bottom Exit	✓	✓	✓	

♣ This wiring configuration is possible when there are no output options in the option bay and the motor connections are wired from the drive bay.

➤ Other configurations with shielded cable are possible, however the use of conduit hubs is recommended.

IP20, NEMA/UL Type 1 (2500 MCC Style Cabinet)

380...400V AC, Three-Phase Drives †

Light Duty				Normal Duty				Heavy Duty				Cat. No. *	Frame Size
Output Amps			kW	Output Amps			kW	Output Amps			kW		
Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
540	594	NA	315	460	506	693	250	385	578	693	200	20G1A®C460JN0NNNNN	8
585	644		315	540	594	821	315	456	684	821	250	20G1A®C540JN0NNNNN	8
612	673		355	567	624	851	315	472	708	851	250	20G1A®C567JN0NNNNN	8
750	825		400	650	715	975	355	540	810	975	315	20G1A®C650JN0NNNNN	8
796	876		450	750	825	1125	400	585	878	1125	315	20G1A®C750JN0NNNNN	8
832	915		450	770	847	1155	400	642	963	1155	355	20G1A®C770JN0NNNNN	8

※ The 6th character determines Enclosure Type & Depth. "B" = IP20, NEMA/UL Type 1, MCC style 600 mm (23.6 in.) deep. "L" = IP20, NEMA/UL Type 1, MCC style 800 mm (31.5 in.) deep. Refer to the Power Wiring Options table.

* The 11th character determines default Filtering and Common Mode Cap jumper configuration. "J" = Installed, "A" = Removed.

† A Roll-out Cart is required with Frame 8 drives to assist with power wiring and cabinet mounting. Refer to page 68.

480V AC, Three-Phase Drives †

Light Duty				Normal Duty				Heavy Duty				Cat. No.	Frame Size
Output Amps			Hp	Output Amps			Hp	Output Amps			Hp		
Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
485	534	NA	400	430	473	666	350	370	555	666	300	20G1A®D430AN0NNNNN	8
545	600		450	485	534	745	400	414	621	745	350	20G1A®D485AN0NNNNN	8
590	649		500	545	600	818	450	454	681	818	350	20G1A®D545AN0NNNNN	8
710	781		600	617	679	926	500	485	728	926	400	20G1A®D617AN0NNNNN	8
765	842		650	710	781	1065	600	545	818	1065	450	20G1A®D710AN0NNNNN	8
800	880		700	740	814	1110	650	617	926	1110	500	20G1A®D740AN0NNNNN	8

※ The 6th character determines Enclosure Type & Depth. "B" = IP20, NEMA/UL Type 1, MCC style 600 mm (23.6 in.) deep. "L" = IP20, NEMA/UL Type 1, MCC style 800 mm (31.5 in.) deep. Refer to the Power Wiring Options table.

† A Roll-out Cart is required with Frame 8 drives to assist with power wiring and cabinet mounting. Refer to page 68.

IP20, NEMA/UL Type 1 and Cabinet Options (2500 MCC Style Cabinet)

To configure a catalog number for a drive with cabinet options:

1. Select the base drive catalog number from the tables below.
2. Select the System Overload Duty Cycle and Power Disconnect options from the Required Options table on page 63. Add the desired option codes to the end of the base catalog number, separating each option code with a dash. For example: 21G1A***C460JN0NNNNN-LD-P3**.
3. Select other options from the Additional Options table. Add the option code(s) to the end of the catalog number separating each code with a dash. For example: 21G1A***C460JN0NNNNN-LD-P3-P11**.

380...400V AC, Three-Phase Drives § †

Light Duty (-LD)				Normal Duty (-ND)				Heavy Duty (-HD)				Base Drive Cat. No. *	Frame Size
Output Amps			kW	Output Amps			kW	Output Amps			kW		
Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
540	594	NA	315	460	506	693	250	385	578	693	200	21G1A* C460JN0NNNNN	8
585	644		315	540	594	821	315	456	684	821	250	21G1A* C540JN0NNNNN	8
612	673		355	567	624	851	315	472	708	851	250	21G1A* C567JN0NNNNN	8
750	825		400	650	715	975	355	540	810	975	315	21G1A* C650JN0NNNNN	8
796	876		450	750	825	1125	400	585	878	1125	315	21G1A* C750JN0NNNNN	8
832	915		450	770	847	1155	400	642	963	1155	355	21G1A* C770JN0NNNNN	8

* The 6th character determines Enclosure Type & Depth. "B" = IP20, NEMA/UL Type 1, MCC style 600 mm (23.6 in.) deep. "L" = IP20, NEMA/UL Type 1, MCC style 800 mm (31.5 in.) deep. "P" = Packaged Drive - IP20, NEMA/UL Type 1, MCC style w/MCC bus, 800 mm (31.5 in.) deep. Refer to the Power Wiring Options table.

* The 11th character determines default Filtering and Common Mode Cap jumper configuration. "J" = Installed, "A" = Removed.

§ Contact your local Rockwell Automation sales office or Allen-Bradley distributor for availability.

† A Roll-out Cart is required with Frame 8 drives to assist with power wiring and cabinet mounting. Refer to page 68.

480V AC, Three-Phase Drives § †

Light Duty (-LD)				Normal Duty (-ND)				Heavy Duty (-HD)				Base Drive Cat. No.	Frame Size
Output Amps			Hp	Output Amps			Hp	Output Amps			Hp		
Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.		Cont.	1 Min.	3 Sec.			
485	534	NA	400	430	473	666	350	370	555	666	300	21G1A* D430AN0NNNNN	8
545	600		450	485	534	745	400	414	621	745	350	21G1A* D485AN0NNNNN	8
590	649		500	545	600	818	450	454	681	818	350	21G1A* D545AN0NNNNN	8
710	781		600	617	679	926	500	485	728	926	400	21G1A* D617AN0NNNNN	8
765	842		650	710	781	1065	600	545	818	1065	450	21G1A* D710AN0NNNNN	8
800	880		700	740	814	1110	650	617	926	1110	500	21G1A* D740AN0NNNNN	8

* The 6th character determines Enclosure Type & Depth. "B" = IP20, NEMA/UL Type 1, MCC style 600 mm (23.6 in.) deep. "L" = IP20, NEMA/UL Type 1, MCC style 800 mm (31.5 in.) deep. "P" = Packaged Drive - IP20, NEMA/UL Type 1, MCC style w/MCC bus, 800 mm (31.5 in.) deep. Refer to the Power Wiring Options table.

§ Contact your local Rockwell Automation sales office or Allen-Bradley distributor for availability.

† A Roll-out Cart is required with Frame 8 drives to assist with power wiring and cabinet mounting. Refer to page 68.

Required Options

Type	Option		Description
System Overload Duty Cycle ♣ ➤	LD	Light Duty	100% continuous current, 110% current for 1 minute.
	ND	Normal Duty	100% continuous current, 110% current for 1 minute, 150% for 3 seconds.
	HD	Heavy Duty	100% continuous current, 150% current for 1 minute, 200% for 3 seconds.
Power Disconnect or Wiring Only Bay ♣	P3	Input Thermal Magnetic Circuit Breaker	This option is for disconnecting drive power. An Allen-Bradley 140U Molded Case Circuit Breaker is provided. The circuit breaker is rated at 100 kA interrupt rating for 400 and 480V AC systems. All switches include flange style handle operators that are door interlocking and padlockable.
	P5	Input Non-Fused Molded Case Disconnect Switch	This option is for disconnecting drive power. An Allen-Bradley 140U Molded Case Switch is provided. The disconnect is rated at 65 kA interrupt rating. All switches include flange style handle operators that are door interlocking and padlockable.
	P14	Wiring Only Bay	This option identifies that an extra bay will be provided for the purpose of wiring the drive. This option will extend the drive power bus from the drive bay into the option bay, making field connection options more flexible. No drive input protection is supplied with this option. Documentation to reflect input disconnection and protection is customer supplied.

♣ Only one option of this type may be selected.

➤ See previous selection tables for specific rating information.

Additional Options

Type	Option		Description
Contactors ♣ ⚡	P11	Input Contactor	A contactor is provided between the AC line and the drive. The contactor is controlled by customer supplied 120V AC remote contact closure logic. A terminal block for control is provided for customer use, and is wired to 1 N.O. and 1 N.C. auxiliary contact on the contactor. Important: The P11 option "Alternate Contact Circuit" is not intended to be used as a Start/Stop circuit.
	P12	Output Contactor	A contactor is provided between the drive output and the motor. The contactor is controlled by customer supplied 120V AC remote contact closure logic. A terminal block for control is provided for customer use and is wired to 1 N.O. and 1 N.C. auxiliary contact on the contactor.
Reactors ♣	L1	3% Input Reactor	Provides an open core drive input line reactor that mounts inside the drive enclosure. Typical impedance is 3%.
	L2	3% Output Reactor	Provides an open core drive output load reactor, which mounts inside the drive enclosure. Typical impedance is 3%.
	L3	5% Input Reactor	Provides an open core drive input line reactor that mounts inside the drive enclosure. Typical impedance is 5%.
	L4	5% Output Reactor	Provides an open core drive output load reactor, which mounts inside the drive enclosure. Typical impedance is 5%.
MCC Power Bus Capacity ♣	P20	1250 Amp Bus	Provides a 1250 Amp Bus.
	P22	2000 Amp Bus	Provides a 2000 Amp Bus.
	P24	3200 Amp Bus	Provides a 3200 Amp Bus.

♣ Only one option of this type may be selected.

⚡ Contactor options are not available for systems with MCC power bus.