

Technical Data

Original Instructions

PowerFlex 750-Series AC Drives

Catalog Numbers 20G, 20J

Topic	Page
Product Overview	3
Product Selection—PowerFlex 753	8
Product Selection—PowerFlex 755	22
PowerFlex 755 Floor Mount Drives for Open Frame Designs	40
Power Options for PowerFlex 755 Floor Mount, AC Input Drives	44
Connect to a CENTERLINE Motor Control Center (MCC)	48
Certifications and Specifications	51
Design Considerations	57
Fuse and Circuit Breaker Ratings	95
Cable Considerations	123
Motor Considerations	125
Dimensions and Weights	128
Drive Options	128
Additional Resources	215



Summary of Changes

This publication contains the following new or updated information. This list includes substantive updates only and is not intended to reflect all changes. Translated versions are not always available for each revision.

Topic	Page
PowerFlex 753 Product Selection tables added.	8...21
PowerFlex 755 Product Selection tables added.	22...50
Added Integrated Safety Functions option 20-750-S4 to the Functional Safety section of Certifications table.	51
Added drives manufactured before date of 6/28/2016) in Lloyds Registry section of Certifications table.	51
Updated Altitude section of Environmental Specifications table to clarify grounding requirements and to include IEC Standard reference.	52
Added IEC to the Atmospheric protection section of the Environmental Specifications table.	52
Changed Bus Overvoltage trip for 600V to 1013V DC (from 1167V DC) and Bus Overvoltage trip for 690V to 1172V DC (from 1167V DC) in the Technical Specifications table.	54
Added 20-750-S4, Integrated Safety Functions option module and description to the Safety Options section.	196...198
Added Door shielding kit information.	199
Added PowerFlex 750-Series Service Cart Conversion Kit information.	200
Updated Additional Resources table.	215

Product Overview

The PowerFlex 750-Series is a robust family of AC drives that provide ease of use, flexibility, and performance for various industrial applications. PowerFlex 753 drives provide general-purpose control for applications up to 400 Hp and 270 kW. PowerFlex 755 drives provide maximum flexibility and performance up to 2000 Hp and 1500 kW.

Maximize your productivity by taking advantage of these key features that are offered in the PowerFlex 750-Series drives:

- **DeviceLogix™** – Embedded control technology that supports the manipulation of discrete outputs and drive control functions, while using discrete inputs and drive status information onboard the drive.
- **Predictive Diagnostics** – Tracks information that affects the life of the drive cooling fans and relay outputs. The drive can also be programmed to monitor the runtime hours for machine or motor bearings.
- **Option Cards** – Each drive has a slot-based architecture. Supported hardware control options are available for both products, to help reduce your inventory and spare parts requirements.
- **Safe Torque Off, Safe Speed Monitor, Integrated Safety - Safe Torque Off, and Integrated Safety Functions Option** – Provides a choice for safety levels depending on your application requirements.
- **Communication** – The PowerFlex 755 drives come with a built-in Ethernet port. Ethernet can easily be added to the PowerFlex 753 drives with a communication module.
- **I/O** – Option cards are available for additional analog and digital I/O. The PowerFlex 753 drives come with built-in I/O that can also be expanded with option cards.
- **Packaging** – Factory and field-installable enclosure options are available to meet most environmental requirements. Options include Open Type and flange mount to support cabinet mount requirements, extra protection wall-mount for harsh environments, and debris hoods and conduit plate kits.
- **Standard Power Structure** – A common power structure is shared to provide the same physical size and power range.



PowerFlex 750-Series Drive Family

This section provides a brief introduction to the different PowerFlex 750-Series drives.



Wall Mount Frames 1...7

IP00/IP20, NEMA/UL Type Open Drive

Includes a DC link choke on all Frames and internal brake transistor, standard on Frames 1...5, and optional on Frames 6 and 7.



Floor Mount Frames 8...10

IP20, NEMA/UL Type 1 Drive (2500 MCC style cabinet)

Includes a DC link choke, integrated AC line fuses, and roll-out design. Hood that is shown on top of cabinets is optional. To order the hood, see [page 199](#) for information.



Floor Mount Frames 8...10

IP20, NEMA/UL Type 1 Drive with Options (2500 MCC style cabinet)

Includes a DC link choke, integrated AC line fuses, roll-out design, and option bay for control/protection devices.

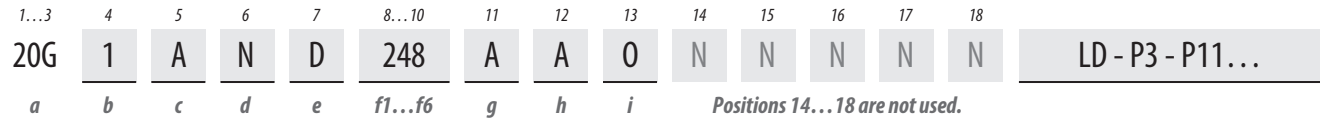


Roll-out Design
(Frame 8 shown)

A roll-out cart is required for Frames 8...10 drives and Frame 9...10 option bay chassis. The roll-out cart has an adjustable curb height of 0...182 mm (0...7.2 in.) and curb offset/reach of 0...114 mm (0...4.5 in.).

See [page 200](#) for information to order the roll-out cart.

Catalog Number Explanation



a

Drive		
Code	Type	Frames
20F	PowerFlex® 753	1...7
20G	PowerFlex 755	1...10
21G	PowerFlex 755 Drive with Options	8...10

b

Future Use		
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c

Input Type		
Code	Description	Frames
1	AC Input with Precharge, includes DC Terminals	1...5 8...10
4	DC Input with Precharge	5...10
A	AC Input with Precharge, no DC Terminals	6...8 ⁽¹⁾

(1) The DC Bus Bar kit (20-750-DCBB1-Fx) is available for Frames 6...7 AC input drives that require DC bus terminals.

d

Enclosure		
Code	Description	Frames
R	IP20, NEMA/UL Type Open, Frame 1	1
F ⁽¹⁾	Flange (NEMA/UL Type 4X/12 back)	2...5
G	IP54, NEMA/UL Type 12	2...7
N ⁽²⁾	IP20/IP00, NEMA/UL Type Open	2...7
B ⁽³⁾	IP20, NEMA/UL Type 1, 600 mm (23.6 in.) Deep, Standard Cabinet Color (RAL 7032)	8...10
J ⁽³⁾	IP54, UL Type 12, 800 mm (31.5 in.) Deep, Standard Cabinet Color (RAL 7032)	8...10
K ⁽³⁾	IP54, NEMA 12, 2500 MCC Style Cabinet and Options w/MCC Power Bus, 800 mm (31.5 in.) Deep, Standard Cabinet Color (RAL 7032)	8...10
L ⁽³⁾	IP20, NEMA/UL Type 1, 800 mm (31.5 in.) Deep, Standard Cabinet Color (RAL 7032)	8...10
P ⁽³⁾	IP20, NEMA/UL Type 1, 2500 MCC Style Cabinet and Options w/MCC Power Bus, 800 mm (31.5 in.) Deep, Standard Cabinet Color (RAL 7032)	8...10
W ⁽³⁾	IP20, NEMA/UL Type 1, 2500 MCC Style Cabinet and Options w/MCC Power Bus, 800 mm (31.5 in.) Deep, CenterLine 2100 Gray (ASA49)	8...10
Y ⁽³⁾	IP54, NEMA 12, 2500 MCC Style Cabinet and Options w/MCC Power Bus, 800 mm (31.5 in.) Deep, CenterLine 2100 Gray (ASA49)	8...10
T	IP00, UL Open Type without Control POD	8...10

- (1) For Frames 6...7, a user installed flange kit (20-750-FLNG4-Fx) is available to convert a Code N drive that provides a NEMA/UL Type 4X/12 back.
- (2) Frames 2...5 are IP20, Frames 6...7 are IP00.
- (3) Available as a drive with options (21G).

e

Voltage Rating	
Code	Voltage
B	240V AC (208V AC) ⁽¹⁾ /325V DC (281V DC) ⁽¹⁾
C	400V AC/540V DC
D	480V AC/650V DC
E	600V AC/810V DC
F	690V AC/932V DC (not UL Listed)

(1) Drive must be programmed to obtain low (208V AC) voltage rating.

f1

ND Rating										
208V ⁽¹⁾ , 60 Hz Input										
Code	Amps	kW	Frame							
			Enclosure Code							
			B, J, L, T	F	G	N	K, P, W, Y	R		
2P2	2.5	0.37								
4P2	4.8	0.75								
6P8	7.8	1.5								
9P6	11	2.2								
015	15.3	4								
2P2	2.5	0.37								
4P2	4.8	0.75								
6P8	7.8	1.5								
9P6	11	2.2								
015	17.5	4								
022	22	5.5								
028	32.2	7.5								
042	43	11								
054	60	15								
070	78.2	18.2								
080	92	22								
104	120	30								
130	150	37								
154	177	45								
192	221	55								
260	260	66								
312	359	90								
360	414	110								
477	477	132								

- (1) Drive must be programmed to obtain low (208VAC) voltage rating.
- (2) For Frames 6 and 7, a user-installed flange kit (20-750-FLNG4-Fx) is available to convert a Code N drive that provides a NEMA/UL Type 4X/12 back.

f2

ND Rating										
240V, 60 Hz Input										
Code	Amps	Hp	Frame							
			Enclosure Code							
			B, J, L, T	F	G	N	K, P, W, Y	R		
2P2	2.2	0.5								
4P2	4.2	1								
6P8	6.8	2								
9P6	9.6	3								
015	15.3	5								
2P2	2.2	0.5								
4P2	4.2	1								
6P8	6.8	2								
9P6	9.6	3								
015	15.3	5								
022	22	7.5								
028	28	10								
042	42	15								
054	54	20								
070	70	25								
080	80	30								
104	104	40								
130	130	50								
154	154	60								
192	192	75								
260	260	100								
312	312	125								
360	360	150								
477	477	200								

(1) For Frames 6 and 7, a user-installed flange kit (20-750-FLNG4-Fx) is available to convert a Code N drive that provides a NEMA/UL Type 4X/12 back.

1...3 4 5 6 7 8...10 11 12 13 14 15 16 17 18
20G 1 A N D 248 A A O N N N N N LD - P3 - P11...
a b c d e f1...f6 g h i Positions 14...18 are not used.

f3

ND Rating								
400V, 50 Hz Input								
Code	Amps	kW	Frame					R
			Enclosure Code					
			B, J, L, T	F	G	N	K, P, W, Y	
2P1	2.1	0.75						1
3P5	3.5	1.5						
5P0	5.0	2.2						
8P7	8.7	4		2	2	2		
011	11.5	5.5						
015	15.4	7.5						
022	22	11						
030	30	15						
037	37	18.5		3	3	3		
043	43	22						
060	60	30		4	4	4		
072	72	37			5			
085	85	45		5		5		
104	104	55						
140	140	75			6			
170	170	90				6		
205	205	110						
260	260	132		(1)				
302	302	160			7	7		
367	367	200						
456	456	250						
460	460	250	8	-	-	-	8 ⁽²⁾	
477	477	270	-	(1)	-	7	-	
540	540	315						
567	567	315						
650	650	355	8				8 ⁽²⁾	
750	750	400						
770	770	400						
910	910	500						
1K0	1040	560		-	-	-		
1K1	1090	630						
1K2	1175	710	9				9 ⁽²⁾	
1K4	1465	800						
1K5	1480	850						
1K6	1590	900						
2K1	2150	1250					10 ⁽²⁾	

- (1) For Frames 6...7, a user installed flange kit (20-750-FLNG4-Fx) is available to convert a Code N drive that provides a NEMA/UL Type 4X/12 back.
- (2) Available as a drive with options (21G).

f4

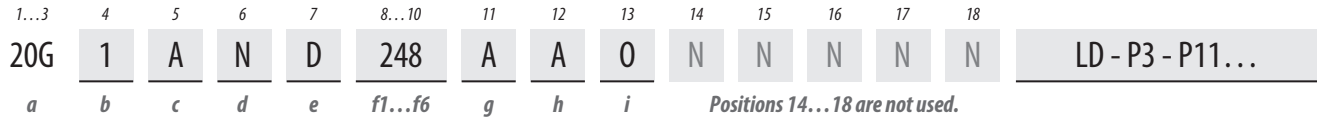
ND Rating								
480V, 60 Hz Input								
Code	Amps	Hp	Frame					R
			Enclosure Code					
			B, J, L, T	F	G	N	K, P, W, Y	
2P1	2.1	1						1
3P4	3.4	2						
5P0	5.0	3						
8P0	8.0	5		2	2	2		
011	11	7.5						
014	14	10						
022	22	15						
027	27	20						
034	34	25		3	3	3		
040	40	30						
052	52	40		4	4	4		
065	65	50			5			
077	77	60		5		5		
096	96	75						
125	125	100			6			
156	156	125				6		
186	186	150						
248	248	200		(1)				
302	302	250			7	7		
361	361	300						
415	415	350						
430	430	350	8	-	-	-	8 ⁽²⁾	
477	477	400	-	(1)	-	7	-	
485	485	400						
545	545	450						
617	617	500	8				8 ⁽²⁾	
710	710	600						
740	740	650						
800	800	700						
960	960	800		-	-	-		
1K0	1045	900	9				9 ⁽²⁾	
1K2	1135	1000						
1K3	1365	1100						
1K4	1420	1250						
1K5	1525	1350	10				10 ⁽²⁾	
2K0	2070	1750						

- (1) For Frames 6...7, a user installed flange kit (20-750-FLNG4-Fx) is available to convert a Code N drive that provides a NEMA/UL Type 4X/12 back.
- (2) Available as a drive with options (21G).

f5

ND Rating								
600V, 60 Hz Input								
Code	Amps	Hp	Frame					R
			Enclosure Code					
			B, J, L, T	F	G	N	K, P, W, Y	
1P7	1.7	1						
2P7	2.7	2						
3P9	3.9	3						
6P1	6.1	5		3	3	3		
9P0	9	7.5						
011	11	10						
012 ⁽¹⁾	12	10		-	6	6		
017	17	15		3	3	3		
018 ⁽¹⁾	18	15		-	6	6		
022	22	20		3	3	3		
023 ⁽¹⁾	23	20						
024 ⁽¹⁾	24	20		-	6	6		
027	27	25		4	4	4		
028 ⁽¹⁾	28	25		-	6	6		
032	32	30		4	4	4		
033 ⁽¹⁾	33	30		-	6	6		
041	41	40		5	5	5		
042 ⁽¹⁾	42	40		-	6	6		
052	52	50		5	-	5		
053 ⁽¹⁾	53	50						
063	63	60						
077	77	75						
099	99	100						
125	125	125		(2)	6	6		
144	144	150						
192	192	200						
242	242	250			7	7		
289	289	300						
295	295	300						
355	355	350						
395	395	400						
435	435	450	8				8 ⁽³⁾	
460	460	500						
510	510	500						
595	595	600						
630	630	700						
760	760	800						
825	825	900						
900	900	950						
980	980	1000						
1K1	1110	1100						
1K4	1430	1400	10				10 ⁽³⁾	

- (1) Required for uncontrolled common DC bus applications. Optional for all AC applications.
- (2) For Frames 6...7, a user installed flange kit (20-750-FLNG4-Fx) is available to convert a Code N drive that provides a NEMA/UL Type 4X/12 back.
- (3) Available as a drive with options (21G).



f6										
ND Rating										
690V, 50 Hz Input (not UL Listed)										
Code	Amps	kW	Frame							
			Enclosure Code							
			B, J, L, T	F	G	N	K, P, W, Y	R		
012	12	7.5								
015	15	11								
020	20	15								
023	23	18.5								
030	30	22								
034	34	30								
046	46	37			6	6				
050	50	45								
061	61	55								
082	82	75								
098	98	90		(1)						
119	119	110								
142	142	132								
171	171	160								
212	212	200			7	7				
263	263	250								
265	265	250								
330	330	315								
370	370	355	8						g(2)	
415	415	400								
460	460	450								
500	500	500								
590	590	560								
650	650	630								
710	710	710	9						g(2)	
765	765	750								
795	795	800								
960	960	900								
1K0	1040	1000								
1K4	1400	1400	10						10(2)	

- (1) For Frames 6...7, a user installed flange kit (20-750-FLNG4-Fx) is available to convert a Code N drive that provides a NEMA/UL Type 4X/12 back.
- (2) Available as a drive with options (21G).

i	
Door Mounted HIM (Frames 8...10)	
Code	Operator Interface
0	No Door Mounted HIM
2	Enhanced LCD, Full Numeric, IP20
4	Enhanced LCD, Full Numeric, IP66 NEMA Type 4X/12

PowerFlex 755 w/Options (21G)
Required Selections

Code	Option	Frames	Type
LD	Light Duty	8...10	System Overload Duty Cycle ⁽¹⁾
ND	Normal Duty		
HD	Heavy Duty		
P3	Input Thermal-magnetic Circuit Breaker	8...10	Power Disconnect ⁽¹⁾
P5	Input Non-Fused Molded Case Disconnect Switch	8 Only	
P14	Wiring Only Bay	8...10	Wiring Only Bay

(1) Only one option of this type can be selected.

PowerFlex 755 w/Options (21G)
Additional Selections

Code	Option	Frames	Type
P11	Input Contactor	8 Only	Contactors ⁽¹⁾⁽²⁾
P12	Output Contactor		
L1	3% Input Reactor	8...9	Reactors ⁽¹⁾
L2	3% Output Reactor		
L3	5% Input Reactor		
L4	5% Output Reactor		
P20	1200 A Bus	8...10	MCC Power Bus Capacity ⁽¹⁾
P22	2000 A Bus		
P24	3000 A Bus		
P30	UPS Control Bus, DC Input w/Precharge only	8...10	UPS Control Bus
X1	Auxiliary Transformer (500VA available), IP20 Cabinet Only	8 Only ⁽³⁾	Auxiliary Power

- (1) Only one option of this type can be selected.
- (2) Contactor options are not available for systems with MCC power bus.
- (3) Standard on all other cabinet configurations.

g		
Filtering and CM Cap Configuration		
Code	Filtering	Default CM Cap Connection
A	Yes	Jumper Removed
J	Yes	Jumper Installed

h		
Dynamic Braking ⁽¹⁾		
Code	Internal Resistor ⁽²⁾	Internal Transistor ⁽³⁾
A	No	Yes
N	No	No

- (1) Not available on Frames 8...10, specify Code 'N'.
- (2) Frames 1...2 only. Internal Resistor kits (20-750-DB1-Dx) sold separately.
- (3) Standard on Frames 1...5, optional on 6...7.

Product Selection—PowerFlex 753

200...240V AC, Three-phase Drives

IP00/IP20, NEMA/UL Type Open ⁽¹⁾

Normal Duty					Heavy Duty					Cat. No. ^{(3) (4)}	Frame Size
Output Amps: 240V (208V) ⁽²⁾			HP	kW	Output Amps: 240V (208V) ⁽²⁾			HP	kW		
Cont.	1 min	3 s			Cont.	1 min	3 s				
2.2 (2.5)	2.4 (2.7)	3.3 (3.7)	0.5	0.37	2.2 (2.5)	3.3 (3.7)	3.9 (4.5)	0.5	0.37	20F11RB2P2JA0NNNNN	1
4.2 (4.8)	4.6 (5.2)	6.3 (7.2)	1	0.75	2.2(2.5)	4.6 (5.2)	6.3 (7.2)	0.5	0.37	20F11RB4P2JA0NNNNN	
6.8 (7.8)	7.4 (8.5)	10.2 (11.7)	2	1.5	4.2 (4.8)	7.4 (8.5)	10.2 (11.7)	1	0.75	20F11RB6P8JA0NNNNN	
9.6 (11)	10.5 (12.1)	14.4 (16.5)	3	2.2	6.8 (7.8)	10.5 (12.1)	14.4 (16.5)	2	1.5	20F11RB9P6JA0NNNNN	
15.3 (15.3)	16.8 (16.8)	22.9 (22.9)	5	4	9.6 (11)	16.8 (16.8)	22.9 (22.9)	3	2.2	20F11RB015JA0NNNNN	
2.2 (2.5)	3.3 (3.7)	3.9 (4.5)	0.5	0.37	2.2 (2.5)	3.3 (3.7)	3.9 (4.5)	0.5	0.37	20F11NB2P2JA0NNNNN	2
4.2 (4.8)	6.3 (7.2)	7.5 (8.6)	1	0.75	4.2 (4.8)	6.3 (7.2)	7.5 (8.6)	1	0.75	20F11NB4P2JA0NNNNN	
6.8 (7.8)	10.2 (11.7)	12.2 (14)	2	1.5	6.8 (7.8)	10.2 (11.7)	12.2 (14)	2	1.5	20F11NB6P8JA0NNNNN	
9.6 (11)	14.4 (16.5)	17.2 (19.8)	3	2.2	9.6 (11)	14.4 (16.5)	17.2 (19.8)	3	2.2	20F11NB9P6JA0NNNNN	
15.3 (17.5)	16.8 (19.2)	22.9 (26.2)	5	4	9.6 (11)	16.8 (19.2)	22.9 (26.2)	3	2.2	20F11NB015JA0NNNNN	
22 (22)	24.2 (24.2)	33 (33)	7.5	5.5	15.3 (17.5)	24.2 (24.2)	33 (33)	5	4	20F11NB022JA0NNNNN	3
28 (32.2)	30.8 (35.4)	42 (48.3)	10	7.5	22 (22)	33 (35.4)	42 (48.3)	7.5	5.5	20F11NB028JA0NNNNN	
42 (43)	46.2(47.3)	63 (64.5)	15	11	28 (32.2)	46.2 (48.3)	63 (64.5)	10	7.5	20F11NB042JA0NNNNN	
54 (60)	59.4 (66)	81 (90)	20	15	42 (43)	63 (64.5)	81 (90)	15	11	20F11NB054JA0NNNNN	
70 (78.2)	77 (86)	105 (117)	25	18.5	54 (60)	81 (90)	105 (117)	20	15	20F11NB070JA0NNNNN	
80 (92)	88 (101)	120 (138)	30	22	70 (78.2)	105 (117)	126 (140)	25	18.5	20F11NB080JA0NNNNN	4
104 (120)	114 (132)	156 (180)	40	30	80 (92)	120 (138)	156 (180)	30	22	20F1ANB104JNONNNNN ⁽⁵⁾	
130 (150)	143 (165)	195 (225)	50	37	104 (120)	156 (180)	195 (225)	40	30	20F1ANB130JNONNNNN ⁽⁵⁾	
154 (177)	169 (194)	231 (265)	60	45	130 (150)	195 (225)	234 (270)	50	37	20F1ANB154JNONNNNN ⁽⁵⁾	
192 (221)	211 (243)	288 (331)	75	55	154 (177)	231 (265)	288 (331)	60	45	20F1ANB192JNONNNNN ⁽⁵⁾	
260 (260)	286 (286)	390 (390)	100	66	192 (221)	288 (331)	390 (390)	75	55	20F1ANB260JNONNNNN ⁽⁵⁾	5
312 (359)	343 (394)	468 (538)	125	90	260 (260)	390 (394)	468 (538)	100	66	20F1ANB312JNONNNNN ⁽⁵⁾	
360 (414)	396 (455)	540 (621)	150	110	312 (359)	468 (538)	561 (646)	125	90	20F1ANB360JNONNNNN ⁽⁵⁾	
477 (477)	524 (524)	715 (715)	200	132	312 (359)	468 (538)	561 (646)	125	90	20F1ANB477JNONNNNN ⁽⁵⁾	

- (1) Frames 1...5 are IP20, NEMA/UL Type Open. Frames 6...7 are IP00, NEMA/UL Type Open. Frames 1...7 can be converted to IP20, NEMA/UL Type 1 with optional kit (20-750-NEMA1-Fx), where x is the frame size.
- (2) Drive must be programmed to lower voltage to obtain the currents shown in parentheses.
- (3) The 5th character determines Input Type; "1" = AC input with precharge and DC terminals, and "A" = AC input with precharge and no DC terminals. For DC input drives, see [DRIVES-SG001](#), the PowerFlex Common Bus Configuration Selection Guide.
- (4) The 11th character determines default Filtering and Common Mode Cap jumper configuration; "J" = Installed, and "A" = Removed.
- (5) The 12th character determines whether an internal dynamic braking IGBT is included; "A" = Internal dynamic braking transistor installed, and "N" = No internal dynamic braking transistor.

200...240V AC, Three-phase Drives (Continued)

IP54, NEMA/UL Type 12

Normal Duty					Heavy Duty					Cat. No. ^{(2) (3)}	Frame Size
Output Amps: 240V (208V) ⁽¹⁾			HP	kW	Output Amps: 240V (208V) ⁽¹⁾			HP	kW		
Cont.	1 min	3 s			Cont.	1 min	3 s				
2.2 (2.5)	3.3 (3.8)	4 (4.5)	0.5	0.37	2.2 (2.5)	3.3 (3.7)	3.9 (4.5)	0.5	0.37	20F11GB2P2JA0NNNNN	2
4.2 (4.8)	6.3 (7.2)	7.5 (8.6)	1	0.75	4.2 (4.8)	6.3 (7.2)	7.5 (8.6)	1	0.75	20F11GB4P2JA0NNNNN	
6.8 (7.8)	10.2 (11.7)	12.2 (14)	2	1.5	6.8 (7.8)	10.2 (11.7)	12.2 (14)	2	1.5	20F11GB6P8JA0NNNNN	
9.6 (11)	14.4 (16.5)	17.2 (19.8)	3	2.2	9.6 (11)	14.4 (16.5)	17.2 (19.8)	3	2.2	20F11GB9P6JA0NNNNN	
15.3 (17.5)	16.8 (19.2)	22.9 (26.2)	5	4	9.6 (11)	16.8 (19.2)	22.9 (26.2)	3	2.2	20F11GB015JA0NNNNN	
22 (22)	24.2 (24.2)	33 (33)	7.5	5.5	15.3 (17.5)	24.2 (24.2)	33 (33)	5	4	20F11GB022JA0NNNNN	
28 (32.2)	30.8(35.4)	42 (48.3)	10	7.5	22 (22)	33 (35.4)	42 (48.3)	7.5	5.5	20F11GB028JA0NNNNN	3
42 (43)	46.2 (47.3)	63 (64.5)	15	11	28 (32.2)	46.2 (48.3)	63 (64.5)	10	7.5	20F11GB042JA0NNNNN	
54 (60)	59.4 (66)	81 (90)	20	15	42 (43)	63 (64.5)	81 (90)	15	11	20F11GB054JA0NNNNN	4
70 (78.2)	77 (86)	105 (117)	25	18.5	54 (60)	81 (90)	105 (117)	20	15	20F11GB070JA0NNNNN	5
80 (92)	88 (101)	120 (138)	30	22	70 (78.2)	105 (117)	126 (140)	25	18.5	20F1AGB080JNONNNNN ⁽⁴⁾	6
104 (120)	114 (132)	156 (180)	40	30	80 (92)	120 (138)	156 (180)	30	22	20F1AGB104JNONNNNN ⁽⁴⁾	
130 (150)	143 (165)	195 (225)	50	37	104 (120)	156 (180)	195 (225)	40	30	20F1AGB130JNONNNNN ⁽⁴⁾	
154 (177)	169 (194)	231 (265)	60	45	130 (150)	195 (225)	234 (270)	50	37	20F1AGB154JNONNNNN ⁽⁴⁾	
192 (221)	211 (243)	288 (331)	75	55	154 (177)	231 (265)	288 (331)	60	45	20F1AGB192JNONNNNN ⁽⁴⁾	
260 (260)	286 (286)	390 (390)	100	66	192 (221)	288 (331)	390 (390)	75	55	20F1AGB260JNONNNNN ⁽⁴⁾	
312 (359)	343 (394)	468 (538)	125	90	260 (260)	390 (394)	468 (538)	100	66	20F1AGB312JNONNNNN ⁽⁴⁾	7
360 (414)	396 (455)	540 (621)	150	110	312 (359)	468 (538)	561 (646)	125	90	20F1AGB360JNONNNNN ⁽⁴⁾	

(1) Drive must be programmed to lower voltage to obtain the currents shown in parentheses.

(2) The 5th character determines Input Type; "1" = AC input with precharge and DC terminals, and "A" = AC input with precharge and no DC terminals. For DC input drives, see [DRIVES-SG001](#), the PowerFlex Common Bus Configuration Selection Guide.

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

(4) The 12th character determines whether an internal dynamic braking IGBT is included; "A" = Internal dynamic braking transistor installed, and "N" = No internal dynamic braking transistor.

200...240V AC, Three-phase Drives (Continued)

Note: Frame 6...7 IP00, NEMA Type Open drives can be converted to a flange mount drive (Back/Heatsink: IP66, NEMA/UL Type 4X) with an optional user installed flange kit (kit 20-750-FLNG4-F6 for Frame 6, and kit 20-750-FLNG4-F7 for Frame 7). See page 8 for 200...240V, Frame 6...7 IP00, NEMA Type Open drives.

Flange Mount (Front: IP20, NEMA/UL Type Open; Back/Heatsink: IP66, NEMA/UL Type 4X)

Normal Duty					Heavy Duty					Cat. No. ⁽²⁾ ⁽³⁾	Frame Size
Output Amps: 240V (208V) ⁽¹⁾			HP	kW	Output Amps: 240V (208V) ⁽¹⁾			HP	kW		
Cont.	1 min	3 s			Cont.	1 min	3 s				
2.2 (2.5)	3.3 (3.7)	3.9 (4.5)	0.5	0.37	2.2 (2.5)	3.3 (3.7)	3.9 (4.5)	0.5	0.37	20F11FB2P2JA0NNNNN	2
4.2 (4.8)	6.3 (7.2)	7.5 (8.6)	1	0.75	4.2 (4.8)	6.3 (7.2)	7.5 (8.6)	1	0.75	20F11FB4P2JA0NNNNN	
6.8 (7.8)	10.2 (11.7)	12.2 (14)	2	1.5	6.8 (7.8)	10.2 (11.7)	12.2 (14)	2	1.5	20F11FB6P8JA0NNNNN	
9.6 (11)	14.4 (16.5)	17.2 (19.8)	3	2.2	9.6 (11)	14.4 (16.5)	17.2 (19.8)	3	2.2	20F11FB9P6JA0NNNNN	
15.3 (17.5)	16.8 (19.2)	22.9 (26.2)	5	4	9.6 (11)	16.8 (19.2)	22.9 (26.2)	3	2.2	20F11FB015JA0NNNNN	
22 (22)	24.2 (24.2)	33 (33)	7.5	5.5	15.3 (17.5)	24.2 (24.2)	33 (33)	5	4	20F11FB022JA0NNNNN	3
28 (32.2)	30.8 (35.4)	42 (48.3)	10	7.5	22 (22)	33 (35.4)	42 (48.3)	7.5	5.5	20F11FB028JA0NNNNN	
42 (43)	46.2 (47.3)	63 (64.5)	15	11	28 (32.2)	46.2 (48.3)	63 (64.5)	10	7.5	20F11FB042JA0NNNNN	
54 (60)	59.4 (66)	81 (90)	20	15	42 (43)	63 (64.5)	81 (90)	15	11	20F11FB054JA0NNNNN	4
70 (78.2)	77 (86)	105 (117)	25	18.5	54 (60)	81 (90)	105 (117)	20	15	20F11FB070JA0NNNNN	5
80 (92)	88 (101)	120 (138)	30	22	70 (78.2)	105 (117)	126 (140)	25	18.5	20F11FB080JA0NNNNN	

(1) Drive must be programmed to lower voltage to obtain the currents shown in parentheses.

(2) The 5th character determines Input Type; "1" = AC input with precharge and DC terminals, and "A" = AC input with precharge and no DC terminals. For DC input drives, see [DRIVES-SG001](#), the PowerFlex Common Bus Configuration Selection Guide.

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