



PowerFlex 4 Quick Start Additions

Reference

PowerFlex 4 *Quick Start*, Publication 22A-QS001... supplied with the drive.

PowerFlex 4 No Brake Drive Specifications

Drive Ratings									
Catalog Number	Output Ratings		Input Ratings			Branch Circuit Protection			Power Dissipation
	kW (HP)	Amps	Voltage Range	kVA	Amps	Fuses	140M Motor Protectors ⁽²⁾	Contactors	IP20 Open Watts
200 - 240V AC (±10%) – 1-Phase⁽¹⁾ Input, 0 - 230V 3-Phase Output									
22A-A1P4N103	0.2 (0.25)	1.4	180-265	0.7	3.2	6	140M-C2E-B40	100-C09	25
22A-A2P1N103	0.4 (0.5)	2.1	180-265	1.05	5.3	10	140M-C2E-B63	100-C09	30
22A-A3P6N103	0.75 (1.0)	3.6	180-265	1.8	9.2	15	140M-C2E-C16	100-C12	50
22A-A6P8N103	1.5 (2.0)	6.8	180-265	3.4	14.2	25	140M-C2E-C16	100-C16	75
22A-A9P6N103	2.2 (3.0)	9.6	180-265	4.8	19.6	30	140M-D8E-C25	100-C23	100

Dynamic Braking
 Internal brake IGBT included with all ratings except No Brake versions. Refer to Appendix B of the PowerFlex 4 *User Manual* on CD for ordering information.

- (1) 200-240V AC - 1-Phase drives are also available with an integral EMC filter. Catalog suffix changes from N103 to N113.
- (2) Refer to the Bulletin 140M Motor Protectors *Selection Guide*, publication 140M-SG001... to determine the frame and breaking capacity required for your application.

PowerFlex 4 Frames – Ratings are in kW and (HP)

Frame	120V AC – 1-Phase	240V AC – 1-Phase No Brake	240V AC – 1-Phase	240V AC – 3-Phase	480V AC – 3-Phase
A	0.2 (0.25) 0.37(0.5)	0.2 (0.25) 0.37 (0.5) 0.75 (1.0)	0.2 (0.25) 0.37 (0.5) 0.75 (1.0)	0.2 (0.25) 0.37 (0.5) 0.75 (1.0) 1.5 (2.0)	0.37 (0.5) 0.75 (1.0) 1.5 (2.0)
B	0.75(1.0) 1.1 (1.5)	1.5 (2.0) 2.2 (3.0)	1.5 (2.0)	2.2 (3.0) 3.7 (5.0)	2.2 (3.0) 3.7 (5.0)

EMC Line Filters

Drive Ratings			S Type Filter Catalog Number ⁽¹⁾	L Type Filter Catalog Number ⁽³⁾
Input Voltage	kW	HP		
240V 50/60 Hz	0.2	0.25	⁽²⁾	22-RF010-AL
1-Phase	0.4	0.5	⁽²⁾	22-RF010-AL
NO BRAKE	0.75	1.0	⁽²⁾	22-RF010-AL
	1.5	2.0	⁽²⁾	22-RF018-BL
	2.2	3.0	⁽²⁾	22-RF025-CL

- (1) This filter is suitable for use with a cable length of at least 10 meters (33 feet) for Class A and 1 meter for Class B environments.
- (2) These ratings can be ordered with internal "S Type" filters.
- (3) This filter is suitable for use with a cable length of at least 100 meters for Class A and 5 meters for Class B environments.



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