

## PowerFlex 4

### PowerFlex 4 AC Drive

- 0.25...2.2 kW @ 240V 1-phase  
0.25...4 kW @ 400V 3-phase  
(240V and 480V 3-phase also available)
- V/Hz control
- Versions with and without integral dynamic brake chopper
- Integral RS 485 communication: allows multi-drop configurations  
(up to 4 additional PowerFlex 4 Class drives on one network node)
- Integral programming keypad and local LED status indication
- Programmable via DriveExplorer or DriveExecutive (1203-USB required)
- Zero-stacking (no spacing required between drives)



Typical Motor Rating		Input Voltage	Drive Output [A]			Frame Size	Dimensions H x W x D	Cat. No.
[kW]	[A]		Cont.	60 s	3 s			
0.2	1.3	200...240V 50/60Hz, 1-phase, EMC Filter, no Brake Chopper	1.4	2.1	2.8	A	152x80x136	<a href="#">22A-A1P4N113</a>
0.4	1.9		2.1	3.2	4.2	A	152x80x136	<a href="#">22A-A2P1N113</a>
0.75	3.3		3.6	5.4	7.2	A	152x80x136	<a href="#">22A-A3P6N113</a>
1.5	6.1		6.8	10.2	13.6	B	180x100x136	<a href="#">22A-A6P8N113</a>
2.2	8.9		9.6	14.4	19.2	B	180x100x136	<a href="#">22A-A9P6N113</a>
0.2	1.3	200...240V 50/60Hz, 1-phase, no EMC Filter, no Brake Chopper	1.4	2.1	2.8	A	152x80x136	<a href="#">22A-A1P4N103</a>
0.4	1.9		2.1	3.2	4.2	A	152x80x136	<a href="#">22A-A2P1N103</a>
0.75	3.3		3.6	5.4	7.2	A	152x80x136	<a href="#">22A-A3P6N103</a>
1.5	6.1		6.8	10.2	13.6	B	180x100x136	<a href="#">22A-A6P8N103</a>
2.2	8.9		9.6	14.4	19.2	B	180x100x136	<a href="#">22A-A9P6N103</a>
0.2	1.3	200...240V 50/60Hz, 1-phase, EMC Filter, Brake Chopper	1.5	2.3	3	A	152x80x136	<a href="#">22A-A1P5N114</a>
0.4	1.9		2.3	3.5	4.6	A	152x80x136	<a href="#">22A-A2P3N114</a>
0.75	3.3		4.5	6.8	9	A	152x80x136	<a href="#">22A-A4P5N114</a>
1.5	6.1		8	12	16	B	180x100x136	<a href="#">22A-A8P0N114</a>
0.2	1.3	200...240V 50/60Hz, 1-phase, no EMC Filter, Brake Chopper	1.5	2.3	3	A	152x80x136	<a href="#">22A-A1P5N104</a>
0.4	1.9		2.3	3.5	4.6	A	152x80x136	<a href="#">22A-A2P3N104</a>
0.75	3.3		4.5	6.8	9	A	152x80x136	<a href="#">22A-A4P5N104</a>
1.5	6.1		8	12	16	B	180x100x136	<a href="#">22A-A8P0N104</a>
0.2	1.3	200...240V 50/60Hz, 3-phase, no EMC Filter, Brake Chopper	1.5	2.3	3	A	152x80x136	<a href="#">22A-B1P5N104</a>
0.4	1.9		2.3	3.5	4.6	A	152x80x136	<a href="#">22A-B2P3N104</a>
0.75	3.3		4.5	6.8	9	A	152x80x136	<a href="#">22A-B4P5N104</a>
1.5	6.1		8	12	16	A	152x80x136	<a href="#">22A-B8P0N104</a>
2.2	8.9		12	18	24	B	180x100x136	<a href="#">22A-B012N104</a>
3.7	15.3		17.5	25.5	34	B	180x100x136	<a href="#">22A-B017N104</a>
0.4	1.1	400...480V 50/60Hz, 3-phase, no EMC Filter, Brake Chopper	1.4	2.1	2.8	A	152x80x136	<a href="#">22A-D1P4N104</a>
0.75	1.9		2.3	3.5	4.6	A	152x80x136	<a href="#">22A-D2P3N104</a>
1.5	3.5		4	6	8	A	152x80x136	<a href="#">22A-D4P0N104</a>
2.2	5		6	9	12	B	180x100x136	<a href="#">22A-D6P0N104</a>
3.7	8.4		8.7	13.1	17.4	B	180x100x136	<a href="#">22A-D8P7N104</a>

See Publication 22-TD001... for complete product information.

### PowerFlex 4 Options

	Cat. No.
<b>External EMC Filter for up to 10 m of Motor Cable</b>	
EMC Filter PowerFlex 4, 200...240V, 3-phase, 9.5 A, Frame A	22-RF9P5-AS
EMC Filter PowerFlex 4/40, 200...240V, 3-phase, 21 A, Frame B	<a href="#">22-RF021-BS</a>
EMC Filter PowerFlex 4, 400...480V, 3-phase, 5.7 A, Frame A	<a href="#">22-RF5P7-AS</a>
EMC Filter PowerFlex 4/40, 400...480V, 3-phase, 12 A, Frame B	<a href="#">22-RF012-BS</a>
<b>External EMC Filter for &gt;10 m up to 100 m of Motor Cable</b>	
EMC Filter PowerFlex 4, 200...240V, 1-phase, 10 A, Frame A	<a href="#">22-RF010-AL</a>
EMC Filter PowerFlex 4/40, 200...240V, 1-phase, 18 A, Frame B	<a href="#">22-RF018-BL</a>
EMC Filter PowerFlex 4, 200...240V, 3-phase, 9.5 A, Frame A	22-RF9P5-AL
EMC Filter PowerFlex 4/40, 200...240V, 3-phase, 21 A, Frame B	22-RF021-BL
EMC Filter PowerFlex 4, 400...480V, 3-phase, 5.7 A, Frame A	<a href="#">22-RF5P7-AL</a>
EMC Filter PowerFlex 4/40, 400...480V, 3-phase, 12 A, Frame B	<a href="#">22-RF012-BL</a>
<b>External User Interface Modules</b>	
Panel Mount, IP66, Full Numeric LCD, Cable 2 m	<a href="#">22-HIM-C2S</a>
Hand Held, IP30, Full Numeric LCD, Cable 1 m	<a href="#">22-HIM-A3</a>
Bezel Kit, IP20 for use with 22-HIM-A3	<a href="#">22-HIM-B1</a>
DSI HIM Cable, 1 m	22-HIM-H10
DSI HIM Cable, 2.9 m	22-HIM-H30
<b>Communication Options</b>	
Built in RS485 (standard)	—
Compact Logix to DSI	<a href="#">1769-SM2</a>
RJ45 One Port to Two Ports Splitter	AK-U0-RJ45-SC1
RJ45 120 Ohm Terminating Resistors (2 pcs)	AK-U0-RJ45-TR1
Communication Option, RJ45 Dual Position Terminal Block (5 pcs)	<a href="#">AK-U0-RJ45-TB2P</a>
<b>PC Programming Tool</b>	
USB to DSI/DPI Converter with Software DriveExplorer Light Version	<a href="#">1203-USB</a>
Serial Converter Module with Software DriveExplorer Light Version	<a href="#">22-SCM-232</a>
<b>Programming Software</b>	
DriveExplorer, Full version	<a href="#">9306-4EXP02ENE</a>
DriveTools SP Suite, DriveExecutive and DriveObserver	<a href="#">9303-4DTS01ENE</a>

See Publication 22-TD001... for complete product information.