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Find the *Rockwell / Allen-Bradley 22-RF012-BS* at our website: *Click HERE*

Rockwell Automation

POWERFLEX 40P



The PowerFlex 40P AC drive addresses user needs for closed loop control with an option for Category 3 Safe Torque-off in a compact and cost effective design. Based on the popular PowerFlex 40 this drive is designed to meet global OEM and end-user demands for flexibility, space savings and ease of use. This drive is a cost-effective alternative for speed or basic position control of applications such as diverters, smart conveyors, packaging machines, palletizers, drafting machines, ring spinning machines and synthetic fiber spinning machines and shares common options and accessories with the PowerFlex 40.

Ratings	200…240V:	0.4…7.5 kW / 0.5…10 Hp / 2.3…33 A
	380…480V:	0.4…11 kW / 0.5…15 Hp / 1.4…24 A
	500…600V:	0.75…11 kW / 1…15 Hp / 1.7…19 A
Motor Control	• V/Hz control • Sensorless Vector Control	
Communications	Integral RS 485, Common Industrial Protocol	
User Interface	4 digit display, 3 additional LED indicators and scroll/reset button, optional Remote Human Interface Modules (HIM) or PC interface for programming	
Enclosures	IP20, IP30, Flange Mount	
Safety	DriveGuard Safe Torque-Off / EN 954-1 Cat. 3	
Additional Features	• Speed control with and without encoder feedback • Fiber application specific features • StepLogic allows operation as an independent position controller	
Certifications	• UL • CE (240 and 480V Ratings) • cUL • C-Tick • TÜV FS ISO/EN13849-1 (EN954-1) with Safe Torque-Off option	

The catalog numbers listed below are for base drives in their respective power ratings. Click "Build a Catalog Number" to configure a drive for ordering. For detailed drive information, refer to the PowerFlex 40P Technical Data, publication 22D-TD001.

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200…240V AC, Three-Phase Drives (50/60 Hz, No Filter)

Drive Ratings				IP20/NEMA Type Open	IP20 Plate Drive	IP20 Flange Mount ¬
kW	Hp	Output Current	Frame Size	Cat. No.	Cat. No.	Cat. No.
		A				
0.4	0.5	2.3	B	22D-B2P3N104	22D-B2P3H204	22D-B2P3F104
0.75	1	5	B	22D-B5P0N104	22D-B5P0H204	22D-B5P0F104
1.5	2	8	B	22D-B8P0N104	22D-B8P0H204	22D-B8P0F104
2.2	3	12	B	22D-B012N104	22D-B012H204	22D-B012F104
3.7	5	17.5	B	22D-B017N104	22D-B017H204	22D-B017F104
5.5	7.5	24	C	22D-B024N104	22D-B024H204	22D-B024F104
7.5	10	33	C	22D-B033N104	22D-B033H204	22D-B033F104

¬ Meets IP40/54/65 (NEMA 1/12/4/4X) when installed in an enclosure of like rating.

380…480V AC, Three-Phase Drives (50/60 Hz, No Filter)

Drive Ratings				IP20/NEMA Type Open	IP20 Plate Drive	IP20 Flange Mount ¬
kW	Hp	Output Current	Frame Size	Cat. No.	Cat. No.	Cat. No.
		A				
0.4	0.5	1.4	B	22D-D1P4N104	22D-D1P4H204	22D-D1P4F104
0.75	1	2.3	B	22D-D2P3N104	22D-D2P3H204	22D-D2P3F104
1.5	2	4	B	22D-D4P0N104	22D-D4P0H204	22D-D4P0F104
2.2	3	6	B	22D-D6P0N104	22D-D6P0H204	22D-D6P0F104
4	5	10.5	B	22D-D010N104	22D-D010H204	22D-D010F104
5.5	7.5	12	C	22D-D012N104	22D-D012H204	22D-D012F104
7.5	10	17	C	22D-D017N104	22D-D017H204	22D-D017F104
11	15	24	C	22D-D024N104	22D-D024H204	22D-D024F104

¬ Meets IP40/54/65 (NEMA 1/12/4/4X) when installed in an enclosure of like rating.

500…600V AC, Three-Phase Drives (50/60 Hz, No Filter)

Drive Ratings				IP20/NEMA Type Open	IP20 Plate Drive	IP20 Flange Mount ¬
kW	Hp	Output Current	Frame Size	Cat. No.	Cat. No.	Cat. No.
		A				
0.75	1	1.7	B	22D-E1P7N104	22D-E1P7H204	22D-E1P7F104
1.5	2	3	B	22D-E3P0N104	22D-E3P0H204	22D-E3P0F104
2.2	3	4.2	B	22D-E4P2N104	22D-E4P2H204	22D-E4P2F104
4	5	6.6	B	22D-E6P6N104	22D-E6P6H204	22D-E6P6F104
5.5	7.5	9.9	C	22D-E9P9N104	22D-E9P9H204	22D-E9P9F104
7.5	10	12	C	22D-E012N104	22D-E012H204	22D-E012F104
11	15	19	C	22D-E019N104	22D-E019H204	22D-E019F104

¬ Meets IP40/54/65 (NEMA 1/12/4/4X) when installed in an enclosure of like rating.

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