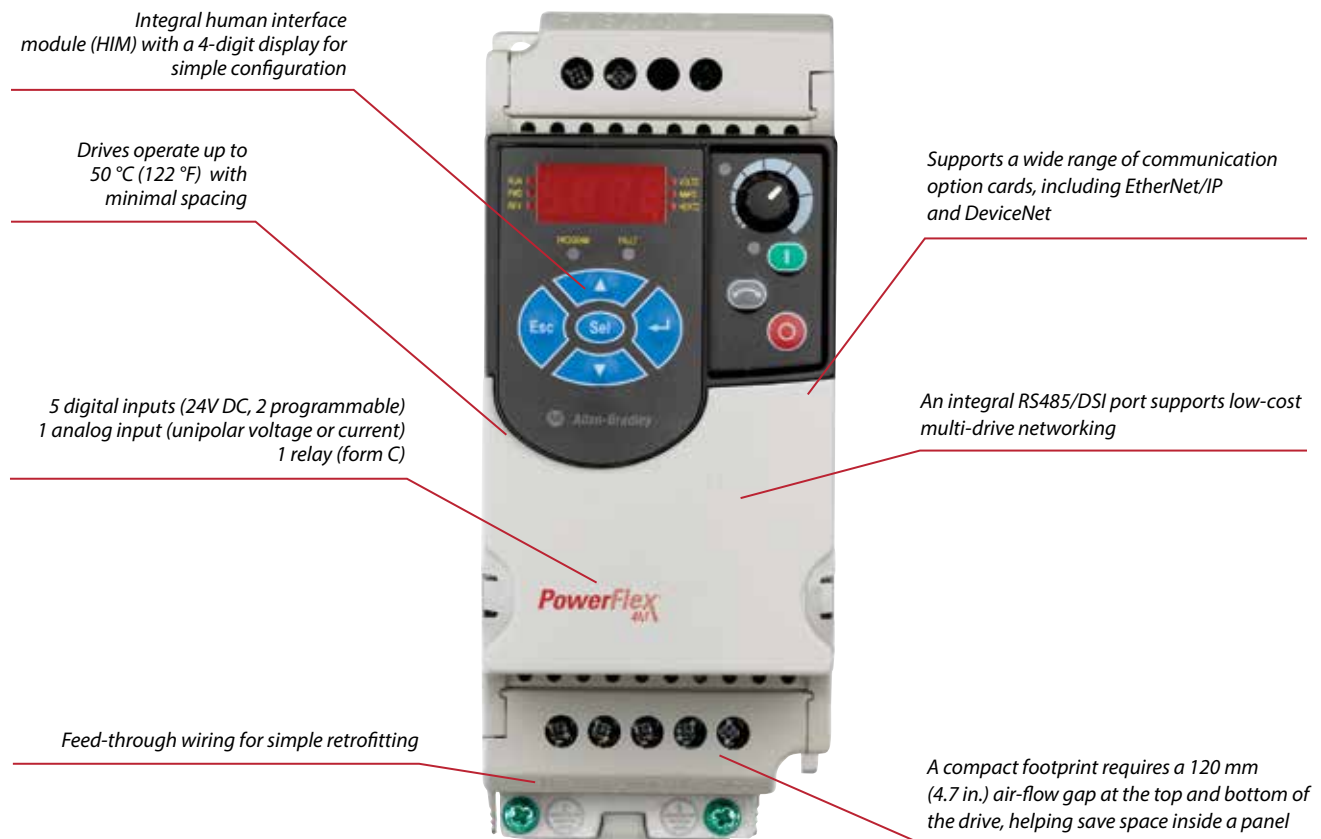




## AC Drives PowerFlex 4M

- Power ratings of 0.2...11 kW / 0.25...15 Hp at 120V, 240V, and 480V to meet a wide range of applications
- Volts per hertz and slip compensation to meet application demands
- Flexible, time-saving installation using DIN Rail mounting with A and B frame drives
- Feed-through wiring for simple retrofitting into applications requiring variable speed motor control
- Side-by-side mounting in ambient temperatures up to 40 °C (104 °F), saving valuable panel space

Providing powerful motor speed control in a compact, space saving design, the Allen-Bradley® PowerFlex 4M AC drive is the smallest and most cost effective member of the PowerFlex family of drives



## Product Selection

### Single-Phase, 50/60 Hz, No Brake, IP20, NEMA/UL Type Open

Drive Ratings		100...120V AC			200...240V AC			Cat. No. with EMC Filter
kW	Hp	Output Current [A]	Frame Size	Cat. No.	Output Current [A]	Frame Size	Cat. No.	
0.2	0.25	1.6	A	22F-V1P6N103	1.6	A	22F-A1P6N103	22F-A1P6N113
0.4	0.5	2.5	A	22F-V2P5N103	2.5	A	22F-A2P5N103	22F-A2P5N113
0.75	1	4.5	B	22F-V4P5N103	4.2	A	22F-A4P2N103	22F-A4P2N113
1.1	1.5	6	B	22F-V6P0N103	–	–	–	–
1.5	2	–	–	–	8	B	22F-A8P0N103	22F-A8P0N113
2.2	3	–	–	–	11	B	22F-A011N103	22F-A011N113

### Three-Phase, 50/60 Hz, No Brake, IP20, NEMA/UL Type Open

Drive Ratings		200...240V AC			380...480V AC			Cat. No. with EMC Filter
kW	Hp	Output Current [A]	Frame Size	Cat. No.	Output Current [A]	Frame Size	Cat. No.	
0.2	0.25	1.6	A	22F-B1P6N103	–	–	–	–
0.4	0.5	2.5	A	22F-B2P5N103	1.5	A	22F-D1P5N103	22F-D1P5N113
0.75	1	4.2	A	22F-B4P2N103	2.5	A	22F-D2P5N103	22F-D2P5N113
1.5	2	8	A	22F-B8P0N103	4.2	A	22F-D4P2N103	22F-B8P0N103
2.2	3	12	B	22F-B012N103	6	B	22F-D6P0N103	22F-D6P0N113
3.7	5	17.5	B	22F-B017N103	8.7	B	22F-D8P7N103	22F-D8P7N113
<b>with brake</b>								
5.5	7.5	25	C	22F-B025N104	13	C	22F-D013N104	22F-D013N114
7.5	10	33	C	22F-B033N104	18	C	22F-D018N104	22F-D018N114
11	15	–	–	–	24	C	22F-D024N104	22F-D024N114

## Specifications

<b>Power Ratings</b>	100...120V: 0.2...1.1 kW / 0.25...1.5 Hp 200...240V: 0.2...7.5 kW / 0.25...10 Hp	380...480V: 0.4...11 kW / 0.5...15 Hp	
<b>Motor Control</b>	Volts per hertz	Slip compensation	–
<b>Application</b>	Open loop speed regulation	–	–
<b>Control I/O</b>	5 digital inputs (24V DC, 2 programmable)	1 analog input (unipolar voltage or current)	1 relay (form C)
<b>Communications</b>	Integral RS485 with Modbus RTU/DSI	Optional: DeviceNet, LonWorks, Bluetooth, EtherNet/IP, PROFIBUS DP, ControlNet, BACnet (Optional networks for use only with external DSI communications kit)	
<b>Control Features</b>	Flying start V/F ratio	Bus regulator Process PID	4 preset speeds Multi-drive connectivity (requires communication option card)