



PowerFlex™ 70 NEMA 4X AC Drive



Product Description

The PowerFlex™ family of AC drives will soon be expanding to include the new PowerFlex™ 70 NEMA 4X AC drive. This new drive is suitable for use in harsh environments that contain things such as oil, chemicals, cleaners, dust, etc, and will survive being hosed down for clean-off purposes. Typical industries include food and beverage, in addition to many others where locating a drive in potentially dirty and challenging areas is desired.

Enclosure Certifications and General Agency Approvals

- UL Type 4X (hose directed water and corrosion resistant)
- UL Type 12 (oil tight and dust tight)
- IP66 (international standard for hose directed water)
- NSF51 – National Sanitation Foundation (food service industry)
- UL2128 – (USDA influenced new UL standard for food processing industry)
- UL, cUL, CE, C-Tick

Features

- Sensorless Vector Control
- LCD Human Interface Modules (Full Numeric, Programmer Only, Blank)
- Complete family of communication adapters (DeviceNet™, ControlNet™, Ethernet, Remote IO, RS485-DF1, etc)
- Optional Drive Mounted Dynamic Brake Resistor
- Built in EMC filtering (optional on frame B, standard on frame D)
- Tamper Proof Tabs (for use with serialized tamper evident tags)

Primary Specifications

- 200 – 240V, 0.5 – 10HP (0.37 – 7.5kW)
- 400 – 480V, 0.5 – 20HP (0.37 – 15kW)
- 600V, 0.5 – 20HP (0.37 – 15kW)
- 40° C (104° F) ambient limit
- Normal Duty Overload (110% for 60 seconds, 150% for 3 seconds)
- Heavy Duty Overload (150% for 60 seconds, 200% for 3 seconds)

Frame Sizes

	200 – 240V	400 – 480V	600V
Frame B	0.5 – 3HP (0.37 – 2.2kW)	0.5 – 5HP (0.37 – 4kW)	0.5 – 5HP (0.37 – 4kW)
Frame D	5 – 10HP (4 – 7.5kW)	7.5 – 20HP (5.5 – 15kW)	7.5 – 20HP (5.5 – 15kW)

Note: Height and Width of Frames B and D are same as NEMA1 / IP20. Additional depth is approximately 0.5 inches (12mm).

Please contact your local distributor or sales office for product availability.

www.rockwellautomation.com

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