E3 Series Variable Frequency Drive Datasheet

Model: E3-320153-1F4B

5 HP (4 kW), 15.3 A, 200-240 V, 1-3PH
IP66 Outdoor Switched Variable Frequency Drive with EMC Filter



Input Ratings

Supply Voltage	200-240 V
Input Phases	1
Supply Current Continuous	29.2 A
Supply Fuse or MCB (Type B)	40 A

Output Ratings

Motor Output Rating	5 HP (4 kW)
Output Voltage	0 to Supply Voltage
Output Current	15.3 A

Cable Information

Max Supply Cable Size	8 AWG (8 mm²)
Max Motor Cable Size	8 AWG (8 mm²)
Max Motor Cable Length	328 ft (100 m)

Factory Build Options

EMC Filter	Internal EMC Filter
Brake Transistor	Internal Brake Transistor
Minimum Brake Resistance	50 Ω
Enclosure	NEMA 4X (IP66) Switched
Display	LED
Communication Protocols	ModbusRTU, CANopen, and more*

Drive Dimensions

Size	3
Height	12.2 in (310 mm)
Width	8.31 in (211 mm)
Depth	9.25 in (235 mm)
Weight	14.55 lbs (6.6 kg)
Fixings	4 x M4

Packaged Dimensions

Height	12.01 in (305 mm)
Width	10.63 in (270 mm)
Depth	17.32 in (440 mm)
Weight	16.76 lbs (7.6 kg)

* Consult factory for additional communication options.

Drive color depicted doesn't reflect actual drive color
Black Outershell - RAL Name: Jet Black | RAL Number: 9005 | Hex Code #0A0A0A
Gray Door - RAL Name: Traffic White | RAL Number: 9016 | Hex Code #F6F6F6

Bardac Drives 40 Log Canoe Circle, Stevensville, MD 21666 USA
Phone (410) 604-3400 Fax (410) 604-3500 www.bardac.com AutomationThings.com