E3 Series Variable Frequency Drive Datasheet

Model: E3-120023-1F12

0.5 HP (0.37 kW), 2.3 A, 200-240 V, 1-3PH
IP20 Variable Frequency Drive with EMC Filter



Input Ratings

Supply Voltage	200-240 V
Input Phases	1
Supply Current Continuous	3.7 A
Supply Fuse or MCB (Type B)	10 A

Output Ratings

Motor Output Rating	0.5 HP (0.37 kW)
Output Voltage	0 to Supply Voltage
Output Current	2.3 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	No Internal Brake Transistor
Enclosure	IP20
Display	LED
Communication Protocols	ModbusRTU, CANopen, and more*

Drive Dimensions

Size	1
Height	6.81 in (173 mm)
Width	3.27 in (83 mm)
Depth	4.84 in (123 mm)
Weight	2.2 lbs (1 kg)
Fixings	4 x M5

Packaged Dimensions

Height	6.5 in (165 mm)
Width	4.92 in (125 mm)
Depth	9.25 in (235 mm)
Weight	2.65 lbs (1.2 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

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