E3 Series Variable Frequency Drive Datasheet

Model: E3-320240-3F42

7.5 HP (5.5 kW), 24 A, 200-240 V, 3PH
IP20 Variable Frequency Drive with EMC Filter



Input Ratings

Supply Voltage	200-240 V
Input Phases	3
Supply Current Continuous	26.4 A
Supply Fuse or MCB (Type B)	40 A

Output Ratings

Motor Output Rating	7.5 HP (5.5 kW)
Output Voltage	0 to Supply Voltage
Output Current	24 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	IP20
Display	LED
Communication Protocols	ModbusRTU, CANopen, and more*

Drive Dimensions

Size	3
Height	10.28 in (261 mm)
Width	5.16 in (131 mm)
Depth	6.89 in (175 mm)
Weight	7.05 lbs (3.2 kg)
Fixings	4 x M5

Packaged Dimensions

Height	10 in (254 mm)
Width	6.38 in (162 mm)
Depth	12.4 in (315 mm)
Weight	7.72 lbs (3.5 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