

# E3 Series Variable Frequency Drive Datasheet

Model: E3-120043-1F12-01

**0.5 HP (0.37 kW), 4.3 A, 200-240 V, 1PH  
IP20 Variable Frequency Drive with EMC Filter**

## Input Ratings

Supply Voltage	200-240 V
Input Phases	1
Supply Current Continuous	6 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	4.3 A

## Cable Information

Max Supply Cable Size	8 AWG (8 mm <sup>2</sup> )
Max Motor Cable Size	8 AWG (8 mm <sup>2</sup> )
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

