

# E3 Series Variable Frequency Drive Datasheet

Model: E3-120023-301A

**0.5 HP (0.37 kW), 2.3 A, 200-240 V, 3PH**  
**IP66 Outdoor Non-switched Variable Frequency Drive**

## Input Ratings

Supply Voltage	200-240 V
Input Phases	3
Supply Current Continuous	3.4 A
Supply Fuse or MCB (Type B)	6 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 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	No Internal EMC Filter
Brake Transistor	No Internal Brake Transistor
Enclosure	NEMA 4X (IP66) Non Switched
Display	LED
Communication Protocols	ModbusRTU, CANopen, and more*

## Drive Dimensions

Size	1
Height	9.13 in (232 mm)
Width	6.34 in (161 mm)
Depth	5.98 in (152 mm)
Weight	5.07 lbs (2.3 kg)
Fixings	4 x M4

## Packaged Dimensions

Height	8.07 in (205 mm)
Width	8.27 in (210 mm)
Depth	13.58 in (345 mm)
Weight	6.39 lbs (2.9 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

