

# E3 Series Variable Frequency Drive Datasheet

Model: E3-120023-1012

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

## 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 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        | IP20                         |
| Display          | LED                          |

## 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) |



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

