

E3 Series Variable Frequency Drive Datasheet

Model: E3-120023-3F12

**0.5 HP (0.37 kW), 2.3 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 | 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 ²) |
| Max Motor Cable Size | 8 AWG (8 mm ²) |
| 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 |

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
Grey Door - RAL Name: Traffic White | RAL Number: 9016 | Hex Code #F6F6F6

