

E3 Series Variable Frequency Drive Datasheet

Model: E3-240058-3F42

3 HP (2.2 kW), 5.8 A, 380-480 V, 3PH
IP20 Variable Frequency Drive with EMC Filter

Input Ratings

| | |
|-----------------------------|-----------|
| Supply Voltage | 380-480 V |
| Input Phases | 3 |
| Supply Current Continuous | 7.5 A |
| Supply Fuse or MCB (Type B) | 16 A |

Output Ratings

| | |
|---------------------|---------------------|
| Motor Output Rating | 3 HP (2.2 kW) |
| Output Voltage | 0 to Supply Voltage |
| Output Current | 5.8 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 | Internal Brake Transistor |
| Enclosure | IP20 |
| Display | LED |

Drive Dimensions

| | |
|---------|-------------------|
| Size | 2 |
| Height | 8.7 in (221 mm) |
| Width | 4.33 in (110 mm) |
| Depth | 5.91 in (150 mm) |
| Weight | 3.75 lbs (1.7 kg) |
| Fixings | 4 x M5 |

Packaged Dimensions

| | |
|--------|-------------------|
| Height | 9.21 in (234 mm) |
| Width | 5.67 in (144 mm) |
| Depth | 10.24 in (260 mm) |
| Weight | 4.19 lbs (1.9 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

