

E3 Series Variable Frequency Drive Datasheet

Model: E3-120070-1F1A

2 HP (1.5 kW), 7 A, 200-240 V, 1-3PH

IP66 Outdoor Non-switched Variable Frequency Drive with EMC Filter

Input Ratings

| | |
|-----------------------------|-----------|
| Supply Voltage | 200-240 V |
| Input Phases | 1 |
| Supply Current Continuous | 12.9 A |
| Supply Fuse or MCB (Type B) | 16 A |

Output Ratings

| | |
|---------------------|---------------------|
| Motor Output Rating | 2 HP (1.5 kW) |
| Output Voltage | 0 to Supply Voltage |
| Output Current | 7 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 | NEMA 4X (IP66) Non Switched |
| Display | LED |

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) |



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

