

# E3 Series Variable Frequency Drive Datasheet

Model: E3-120070-301B

**2 HP (1.5 kW), 7 A, 200-240 V, 3PH**  
**IP66 Outdoor Switched Variable Frequency Drive**

## Input Ratings

|                             |           |
|-----------------------------|-----------|
| Supply Voltage              | 200-240 V |
| Input Phases                | 3         |
| Supply Current Continuous   | 9.5 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 <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) Switched      |
| Display          | LED                          |

## Drive Dimensions

|         |                   |
|---------|-------------------|
| Size    | 1                 |
| Height  | 9.13 in (232 mm)  |
| Width   | 6.34 in (161 mm)  |
| Depth   | 6.38 in (162 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

