

# E3 Series Variable Frequency Drive Datasheet

Model: E3-220105-1042-01

**1.5 HP (1.1 kW), 10.5 A, 200-240 V, 1PH  
IP20 Variable Frequency Drive**

## Input Ratings

|                             |           |
|-----------------------------|-----------|
| Supply Voltage              | 200-240 V |
| Input Phases                | 1         |
| Supply Current Continuous   | 14 A      |
| Supply Fuse or MCB (Type B) | 20 A      |

## Output Ratings

|                     |                     |
|---------------------|---------------------|
| Motor Output Rating | 1.5 HP (1.1 kW)     |
| Output Voltage      | 0 to Supply Voltage |
| Output Current      | 10.5 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 | Internal Braking 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 | 4.25 lbs (1.93 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

