# E3 Series Variable Frequency Drive Datasheet

Model: E3-140022-301A

**1 HP (0.75 kW), 2.2 A, 380-480 V, 3PH**
**IP66 Outdoor Non-switched Variable Frequency Drive**




## Input Ratings

| | |
|---|---|
| Supply Voltage | 380-480 V |
| Input Phases | 3 |
| Supply Current Continuous | 3.5 A |
| Supply Fuse or MCB (Type B) | 6 A |

## Output Ratings

| | |
|---|---|
| Motor Output Rating | 1 HP (0.75 kW) |
| Output Voltage | 0 to Supply Voltage |
| Output Current | 2.2 A |

## Cable Information

| | |
|---|---|
| Max Supply Cable Size | 8 AWG (8 mm²) |
| Max Motor Cable Size | 8 AWG (8 mm²) |
| 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) Non Switched |
| Display | LED |
| Communication Protocols | ModbusRTU, CANopen, and more* |

## 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) |

* Consult factory for additional communication options.

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

**Bardac Drives** 40 Log Canoe Circle, Stevensville, MD 21666 USA
Phone (410) 604-3400 Fax (410) 604-3500 www.bardac.com AutomationThings.com