

# ODE-3-120023-1F1B

## Optidrive E3 VFD Datasheet

**0.37 kW (0.5 HP), 2.3 A, 200-240 V, 1-3PH**  
IP66 Outdoor Switched Variable Frequency Drive with  
EMC Filter



### Input Ratings

|                             |           |
|-----------------------------|-----------|
| Supply Voltage              | 200-240 V |
| Input Phases                | 1         |
| Supply Current Continuous   | 3.7 A     |
| Supply Fuse or MCB (Type B) | 10 A      |

### Output Ratings

|                     |                    |
|---------------------|--------------------|
| Motor Output Rating | 0.37 kW (0.5 HP)   |
| Output Voltage      | 0 – Supply Voltage |
| Output Current      | 2.3 A              |

### Cable Information

|                        |                                |
|------------------------|--------------------------------|
| Max Supply Cable Size  | 8 mm <sup>2</sup> (0.01 sq in) |
| Max Motor Cable Size   | 8 mm <sup>2</sup> (0.01 sq in) |
| Max Motor Cable Length | 100 m (328 ft)                 |

### Factory Build Options

|                  |                              |
|------------------|------------------------------|
| EMC Filter       | Internal EMC Filter          |
| Brake Transistor | No Internal Brake Transistor |
| Enclosure        | IP66 Outdoor Switched        |
| Display          | LED                          |

### Drive Dimensions

|         |                   |
|---------|-------------------|
| Size    | 1                 |
| Height  | 232 mm (9.13 in)  |
| Width   | 161 mm (6.34 in)  |
| Depth   | 162 mm (6.38 in)  |
| Weight  | 2.3 kg (5.07 lbs) |
| Fixings | 4 x M4            |

### Packaged Dimensions

|        |                   |
|--------|-------------------|
| Height | 205 mm (8.07 in)  |
| Width  | 210 mm (8.27 in)  |
| Depth  | 345 mm (13.58 in) |
| Weight | 2.9 kg (6.39 lbs) |



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