

# ODE-3-140022-3F12

## Optidrive E3 VFD Datasheet

**0.75 kW (1 HP), 2.2 A, 380-480 V, 3PH**  
IP20 Variable Frequency Drive with EMC Filter



### 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 | 0.75 kW (1 HP)     |
| Output Voltage      | 0 – Supply Voltage |
| Output Current      | 2.2 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        | IP20                         |
| Display          |                              |
| PCB Coating      |                              |

### Dimensions

|         |                  |
|---------|------------------|
| Size    | 1                |
| Height  | 173 mm (6.81 in) |
| Width   | 83 mm (3.27 in)  |
| Depth   | 123 mm (4.84 in) |
| Weight  | 1 kg (2.2 lbs)   |
| Fixings | 4 x M5           |

### Packaged Dimensions

|        |                   |
|--------|-------------------|
| Height | 165 mm (6.5 in)   |
| Width  | 125 mm (4.92 in)  |
| Depth  | 235 mm (9.25 in)  |
| Weight | 1.2 kg (2.65 lbs) |



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