

# ODE-3-240058-3F42

## Optidrive E3 VFD Datasheet

**2.2 kW (3 HP), 5.8 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   | 7.5 A     |
| Supply Fuse or MCB (Type B) | 16 A      |

### Output Ratings

|                     |                    |
|---------------------|--------------------|
| Motor Output Rating | 2.2 kW (3 HP)      |
| Output Voltage      | 0 – Supply Voltage |
| Output Current      | 5.8 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 | Internal Brake Transistor |
| Enclosure        | IP20                      |
| Display          | LED                       |
| PCB Coating      | -                         |

### Dimensions

|         |                   |
|---------|-------------------|
| Size    | 2                 |
| Height  | 221 mm (8.7 in)   |
| Width   | 110 mm (4.33 in)  |
| Depth   | 150 mm (5.91 in)  |
| Weight  | 1.7 kg (3.75 lbs) |
| Fixings | 4 x M5            |

### Packaged Dimensions

|        |                   |
|--------|-------------------|
| Height | 234 mm (9.21 in)  |
| Width  | 144 mm (5.67 in)  |
| Depth  | 260 mm (10.24 in) |
| Weight | 1.9 kg (4.19 lbs) |



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# How we measure our drives and packaging



Drive Dimensions



Packaging Dimensions



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