

# ODE-3-420300-3F4B

## Optidrive E3 VFD Datasheet

**7.5 kW (10 HP), 30 A, 200-240 V, 3PH**  
IP66 Outdoor Switched Variable Frequency  
Drive with EMC Filter



### Input Ratings

|                             |           |
|-----------------------------|-----------|
| Supply Voltage              | 200-240 V |
| Input Phases                | 3         |
| Supply Current Continuous   | 33.3 A    |
| Supply Fuse or MCB (Type B) | 40 A      |

### Output Ratings

|                     |                    |
|---------------------|--------------------|
| Motor Output Rating | 7.5 kW (10 HP)     |
| Output Voltage      | 0 – Supply Voltage |
| Output Current      | 30 A               |

### Cable Information

|                        |                                 |
|------------------------|---------------------------------|
| Max Supply Cable Size  | 16 mm <sup>2</sup> (0.02 sq in) |
| Max Motor Cable Size   | 16 mm <sup>2</sup> (0.02 sq in) |
| Max Motor Cable Length | 100 m (328 ft)                  |

### Factory Build Options

|                  |                           |
|------------------|---------------------------|
| EMC Filter       | Internal EMC Filter       |
| Brake Transistor | Internal Brake Transistor |
| Enclosure        | IP66 Outdoor Switched     |
| Display          | LED                       |
| PCB Coating      | -                         |

### Dimensions

|         |                    |
|---------|--------------------|
| Size    | 4                  |
| Height  | 360 mm (14.17 in)  |
| Width   | 240 mm (9.45 in)   |
| Depth   | 271 mm (10.67 in)  |
| Weight  | 9.5 kg (20.94 lbs) |
| Fixings | 4 x M4             |

### Packaged Dimensions

|        |                     |
|--------|---------------------|
| Height | 325 mm (12.8 in)    |
| Width  | 295 mm (11.61 in)   |
| Depth  | 425 mm (16.73 in)   |
| Weight | 11.5 kg (25.35 lbs) |



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Drive Dimensions



Packaging Dimensions



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