

# ODE-3-420460-3F42

## Optidrive E3 VFD Datasheet

### 11 kW (15 HP), 46 A, 200-240 V, 3PH IP20 Variable Frequency Drive with EMC Filter



#### Input Ratings

|                             |           |
|-----------------------------|-----------|
| Supply Voltage              | 200-240 V |
| Input Phases                | 3         |
| Supply Current Continuous   | 50.1 A    |
| Supply Fuse or MCB (Type B) | 63 A      |

#### Output Ratings

|                     |                    |
|---------------------|--------------------|
| Motor Output Rating | 11 kW (15 HP)      |
| Output Voltage      | 0 – Supply Voltage |
| Output Current      | 46 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        | IP20                      |
| Display          | LED                       |
| PCB Coating      | -                         |

#### Dimensions

|         |                    |
|---------|--------------------|
| Size    | 4                  |
| Height  | 420 mm (16.54 in)  |
| Width   | 171 mm (6.73 in)   |
| Depth   | 212 mm (8.35 in)   |
| Weight  | 9.1 kg (20.06 lbs) |
| Fixings | 4 x M8             |

#### Packaged Dimensions

|        |                     |
|--------|---------------------|
| Height | 340 mm (13.39 in)   |
| Width  | 282 mm (11.1 in)    |
| Depth  | 560 mm (22.05 in)   |
| Weight | 10.5 kg (23.15 lbs) |



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# How we measure our drives and packaging



Drive Dimensions



Packaging Dimensions



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