

# ODE-3-340180-3F4A

Optidrive E3 VFD Datasheet

**7.5 kW (10 HP), 18 A, 380-480 V, 3PH**

IP66 Outdoor Non-switched Variable  
Frequency Drive with EMC Filter



## Input Ratings

|                             |           |
|-----------------------------|-----------|
| Supply Voltage              | 380-480 V |
| Input Phases                | 3         |
| Supply Current Continuous   | 21.2 A    |
| Supply Fuse or MCB (Type B) | 32 A      |

## Output Ratings

|                     |                    |
|---------------------|--------------------|
| Motor Output Rating | 7.5 kW (10 HP)     |
| Output Voltage      | 0 – Supply Voltage |
| Output Current      | 18 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        | IP66 Outdoor Non-switched |
| Display          | LED                       |
| PCB Coating      | -                         |

## Dimensions

|         |                    |
|---------|--------------------|
| Size    | 3                  |
| Height  | 310 mm (12.2 in)   |
| Width   | 211 mm (8.31 in)   |
| Depth   | 225 mm (8.86 in)   |
| Weight  | 6.6 kg (14.55 lbs) |
| Fixings | 4 x M4             |

## Packaged Dimensions

|        |                    |
|--------|--------------------|
| Height | 305 mm (12.01 in)  |
| Width  | 270 mm (10.63 in)  |
| Depth  | 440 mm (17.32 in)  |
| Weight | 7.6 kg (16.76 lbs) |



# How we measure our drives and packaging



Drive Dimensions



Packaging Dimensions