

# ODE-3-210058-104A

## Optidrive E3 VFD Datasheet

### 1.1 kW (1.5 HP), 5.8 A, 110-115 V, 1-3PH

### IP66 Outdoor Non-switched Variable Frequency Drive



#### Input Ratings

|                             |           |
|-----------------------------|-----------|
| Supply Voltage              | 110-115 V |
| Input Phases                | 1         |
| Supply Current Continuous   | 21.9 A    |
| Supply Fuse or MCB (Type B) | 32 A      |

#### Output Ratings

|                     |                        |
|---------------------|------------------------|
| Motor Output Rating | 1.1 kW (1.5 HP)        |
| Output Voltage      | 0 – 2 x 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       | No Internal EMC Filter    |
| Brake Transistor | Internal Brake Transistor |
| Enclosure        | IP66 Outdoor Non-switched |
| Display          | LED                       |
| PCB Coating      | -                         |

#### Dimensions

|         |                   |
|---------|-------------------|
| Size    | 2                 |
| Height  | 257 mm (10.12 in) |
| Width   | 188 mm (7.4 in)   |
| Depth   | 172 mm (6.77 in)  |
| Weight  | 3.5 kg (7.72 lbs) |
| Fixings | 4 x M4            |

#### Packaged Dimensions

|        |                   |
|--------|-------------------|
| Height | 215 mm (8.46 in)  |
| Width  | 235 mm (9.25 in)  |
| Depth  | 375 mm (14.76 in) |
| Weight | 4.2 kg (9.26 lbs) |



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Drive Dimensions



Packaging Dimensions



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