

# ODE-3-320240-3F42

## Optidrive E3 VFD Datasheet

**5.5 kW (7.5 HP), 24 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   | 26.4 A    |
| Supply Fuse or MCB (Type B) | 40 A      |

### Output Ratings

|                     |                    |
|---------------------|--------------------|
| Motor Output Rating | 5.5 kW (7.5 HP)    |
| Output Voltage      | 0 – Supply Voltage |
| Output Current      | 24 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                       |



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<https://www.shc-gmbh.com>

### Drive Dimensions

|         |                   |
|---------|-------------------|
| Size    | 3                 |
| Height  | 261 mm (10.28 in) |
| Width   | 131 mm (5.16 in)  |
| Depth   | 175 mm (6.89 in)  |
| Weight  | 3.2 kg (7.05 lbs) |
| Fixings | 4 x M5            |

### Packaged Dimensions

|        |                   |
|--------|-------------------|
| Height | 254 mm (10 in)    |
| Width  | 162 mm (6.38 in)  |
| Depth  | 315 mm (12.4 in)  |
| Weight | 3.5 kg (7.72 lbs) |

