

# ODV-3-540610-3F1N-TN

## Optidrive Eco VFD Datasheet

**30 kW (40 HP), 61 A, 380-480 V, 3PH**  
IP55 Variable Frequency Drive with EMC  
Filter and OLED Text Display



### Input Ratings

|                             |           |
|-----------------------------|-----------|
| Supply Voltage              | 380-480 V |
| Input Phases                | 3         |
| Supply Current Continuous   | 48.2 A    |
| Supply Fuse or MCB (Type B) | 63 A      |

### Output Ratings

|                     |                    |
|---------------------|--------------------|
| Motor Output Rating | 30 kW (40 HP)      |
| Output Voltage      | 0 – Supply Voltage |
| Output Current      | 61 A               |

### Cable Information

|                        |                                 |
|------------------------|---------------------------------|
| Max Supply Cable Size  | 35 mm <sup>2</sup> (0.05 sq in) |
| Max Motor Cable Size   | 35 mm <sup>2</sup> (0.05 sq in) |
| Max Motor Cable Length | 100 m (328 ft)                  |

### Factory Build Options

|                  |                     |
|------------------|---------------------|
| EMC Filter       | Internal EMC        |
| Brake Transistor | No Brake Transistor |
| Enclosure        | IP55                |
| Display          | OLED Text           |
| PCB Coating      | Standard            |

### Dimensions

|         |                     |
|---------|---------------------|
| Size    | 5                   |
| Height  | 540 mm (21.26 in)   |
| Width   | 235 mm (9.25 in)    |
| Depth   | 270 mm (10.63 in)   |
| Weight  | 23.1 kg (50.93 lbs) |
| Fixings | 4 x M8              |

### Packaged Dimensions

|        |                   |
|--------|-------------------|
| Height | 595 mm (23.43 in) |
| Width  | 350 mm (13.78 in) |
| Depth  | 375 mm (14.76 in) |
| Weight | 25 kg (55.12 lbs) |



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