

# ODV-3-440300-3F1N-MN

## Optidrive Eco VFD Datasheet

**15 kW (20 HP), 30 A, 380-480 V, 3PH**  
**IP55 Variable Frequency Drive with EMC**  
**Filter and TFT Display**



### Input Ratings

|                             |           |
|-----------------------------|-----------|
| Supply Voltage              | 380-480 V |
| Input Phases                | 3         |
| Supply Current Continuous   | 27 A      |
| Supply Fuse or MCB (Type B) | 32 A      |

### Output Ratings

|                     |                    |
|---------------------|--------------------|
| Motor Output Rating | 15 kW (20 HP)      |
| Output Voltage      | 0 – Supply Voltage |
| Output Current      | 30 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        |
| Brake Transistor | No Brake Transistor |
| Enclosure        | IP55                |
| Display          | TFT Display         |
| PCB Coating      | Standard            |

### Dimensions

|         |                     |
|---------|---------------------|
| Size    | 4                   |
| Height  | 450 mm (17.72 in)   |
| Width   | 171 mm (6.73 in)    |
| Depth   | 252 mm (9.92 in)    |
| Weight  | 11.5 kg (25.35 lbs) |
| Fixings | 4 x M8              |

### Packaged Dimensions

|        |                     |
|--------|---------------------|
| Height | 510 mm (20.08 in)   |
| Width  | 240 mm (9.45 in)    |
| Depth  | 330 mm (12.99 in)   |
| Weight | 13.5 kg (29.76 lbs) |



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# How we measure our drives and packaging



Drive Dimensions



Packaging Dimensions



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