

# ODV-3-320180-3F1E-MN

## Optidrive Eco VFD Datasheet

### 4 kW (5 HP), 18 A, 200-240 V, 3PH

IP66 With Disconnect Outdoor Variable Frequency  
Drive with EMC Filter and TFT Display



#### Input Ratings

|                             |           |
|-----------------------------|-----------|
| Supply Voltage              | 200-240 V |
| Input Phases                | 3         |
| Supply Current Continuous   | 14 A      |
| Supply Fuse or MCB (Type B) | 16 A      |

#### Output Ratings

|                     |                    |
|---------------------|--------------------|
| Motor Output Rating | 4 kW (5 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                 |
| Brake Transistor | No Brake Transistor          |
| Enclosure        | IP66 With Disconnect Outdoor |
| Display          | TFT Display                  |
| PCB Coating      | Standard                     |

#### Drive Dimensions

|         |                    |
|---------|--------------------|
| Size    | 3                  |
| Height  | 310 mm (12.2 in)   |
| Width   | 211 mm (8.31 in)   |
| Depth   | 235 mm (9.25 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) |



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