

# ODV-3-220105-1F1A-MN

Optidrive Eco VFD Datasheet

**2.2 kW (3 HP), 10.5 A, 200-240 V, 1-3PH**

IP66 Non Switched Outdoor Variable  
Frequency Drive with EMC Filter and TFT  
Display



## Input Ratings

|                             |           |
|-----------------------------|-----------|
| Supply Voltage              | 200-240 V |
| Input Phases                | 1         |
| Supply Current Continuous   | 19.3 A    |
| Supply Fuse or MCB (Type B) | 25 A      |

## Output Ratings

|                     |                    |
|---------------------|--------------------|
| Motor Output Rating | 2.2 kW (3 HP)      |
| Output Voltage      | 0 – Supply Voltage |
| Output Current      | 10.5 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 Non Switched Outdoor |
| Display          | TFT Display               |
| PCB Coating      | Standard                  |

## Dimensions

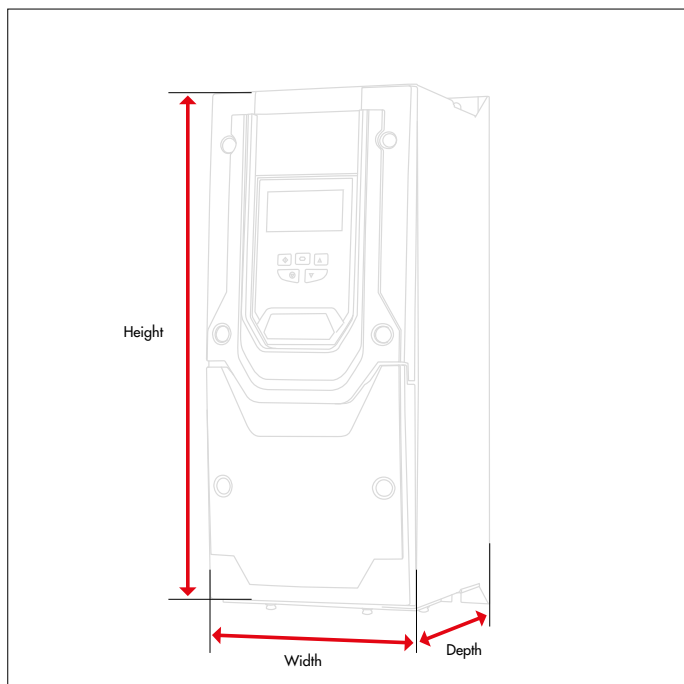
|         |                   |
|---------|-------------------|
| Size    | 2                 |
| Height  | 257 mm (10.12 in) |
| Width   | 188 mm (7.4 in)   |
| Depth   | 172 mm (6.77 in)  |
| Weight  | 3.5 kg (7.72 lbs) |
| Fixings | 4 x M4            |

## Packaged Dimensions

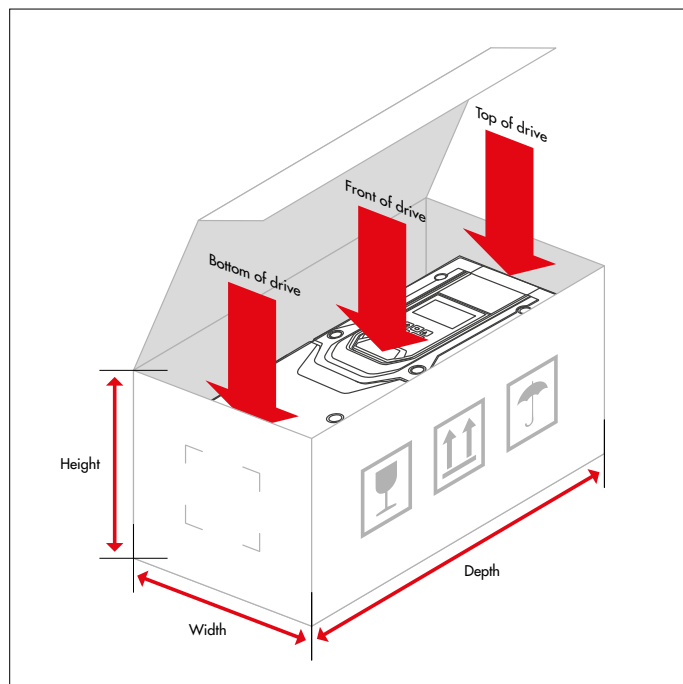
|        |                   |
|--------|-------------------|
| Height | 215 mm (8.46 in)  |
| Width  | 235 mm (9.25 in)  |
| Depth  | 375 mm (14.76 in) |
| Weight | 4.2 kg (9.26 lbs) |



# How we measure our drives and packaging



Drive Dimensions



Packaging Dimensions