

# ODP-2-24050-3HF42-MN

## Optidrive P2 VFD Datasheet

**5 HP, 9.5 A, 380-480 V, 3PH**  
IP20 Variable Frequency Drive with EMC  
Filter and TFT Display



### Input Ratings

|                             |           |
|-----------------------------|-----------|
| Supply Voltage              | 380-480 V |
| Input Phases                | 3         |
| Supply Current Continuous   | 11.2 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      | 9.5 A              |

### Cable Information

|                        |                    |
|------------------------|--------------------|
| Max Supply Cable Size  | 8 mm² (0.01 sq in) |
| Max Motor Cable Size   | 8 mm² (0.01 sq in) |
| Max Motor Cable Length | 100 m (328 ft)     |

### Factory Build Options

|                  |              |
|------------------|--------------|
| EMC Filter       | Internal EMC |
| Brake Transistor | Internal     |
| Enclosure        | IP20         |
| Display          | TFT Display  |
| PCB Coating      | Standard     |

### Dimensions

|         |                   |
|---------|-------------------|
| Size    | 2                 |
| Height  | 221 mm (8.7 in)   |
| Width   | 110 mm (4.33 in)  |
| Depth   | 185 mm (7.28 in)  |
| Weight  | 1.8 kg (3.97 lbs) |
| Fixings | 4 x M4            |

### Packaged Dimensions

|        |                   |
|--------|-------------------|
| Height | 265 mm (10.43 in) |
| Width  | 145 mm (5.71 in)  |
| Depth  | 230 mm (9.06 in)  |
| Weight | 1.9 kg (4.19 lbs) |



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# How we measure our drives and packaging



Drive Dimensions



Packaging Dimensions



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