

# ODP-2-44185-3KF42-MN

## Optidrive P2 VFD Datasheet

**18.5 kW, 39 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   | 47 A      |
| Supply Fuse or MCB (Type B) | 63 A      |

### Output Ratings

|                     |                    |
|---------------------|--------------------|
| Motor Output Rating | 18.5 kW (25 HP)    |
| Output Voltage      | 0 – Supply Voltage |
| Output Current      | 39 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 | Internal     |
| Enclosure        | IP20         |
| Display          | TFT Display  |
| PCB Coating      | Standard     |

### Dimensions

|         |                    |
|---------|--------------------|
| Size    | 4                  |
| Height  | 418 mm (16.46 in)  |
| Width   | 160 mm (6.3 in)    |
| Depth   | 240 mm (9.45 in)   |
| Weight  | 9.2 kg (20.28 lbs) |
| Fixings | N/A                |

### Packaged Dimensions

|        |                   |
|--------|-------------------|
| Height | 340 mm (13.39 in) |
| Width  | 280 mm (11.02 in) |
| Depth  | 560 mm (22.05 in) |
| Weight | 11 kg (24.25 lbs) |



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