

# ODP-2-64090-3KF4N-MN

Optidrive P2 VFD Datasheet

**90 kW, 180 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   | 167.4 A   |
| Supply Fuse or MCB (Type B) | 250 A     |

## Output Ratings

|                     |                    |
|---------------------|--------------------|
| Motor Output Rating | 90 kW (150 HP)     |
| Output Voltage      | 0 – Supply Voltage |
| Output Current      | 180 A              |

## Cable Information

|                        |                                  |
|------------------------|----------------------------------|
| Max Supply Cable Size  | 150 mm <sup>2</sup> (0.23 sq in) |
| Max Motor Cable Size   | 150 mm <sup>2</sup> (0.23 sq in) |
| Max Motor Cable Length | 100 m (328 ft)                   |

## Factory Build Options

|                  |              |
|------------------|--------------|
| EMC Filter       | Internal EMC |
| Brake Transistor | Internal     |
| Enclosure        | IP55         |
| Display          | TFT Display  |
| PCB Coating      | Standard     |

## Dimensions

|         |                    |
|---------|--------------------|
| Size    | 6                  |
| Height  | 865 mm (34.06 in)  |
| Width   | 330 mm (12.99 in)  |
| Depth   | 330 mm (12.99 in)  |
| Weight  | 55 kg (121.25 lbs) |
| Fixings | 4 x M10            |

## Packaged Dimensions

|        |                      |
|--------|----------------------|
| Height | 980 mm (38.58 in)    |
| Width  | 450 mm (17.72 in)    |
| Depth  | 450 mm (17.72 in)    |
| Weight | 56.5 kg (124.56 lbs) |



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