

# ODP-2-54050-3HF42-MN

Optidrive P2 VFD Datasheet

**50 HP, 72 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	76.4 A
Supply Fuse or MCB (Type B)	100 A

### Output Ratings

Motor Output Rating	37 kW (50 HP)
Output Voltage	0 – Supply Voltage
Output Current	72 A

### Cable Information

Max Supply Cable Size	35 mm <sup>2</sup> (0.05 sq in)
Max Motor Cable Size	35 mm <sup>2</sup> (0.05 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	5
Height	486 mm (19.13 in)
Width	222 mm (8.74 in)
Depth	260 mm (10.24 in)
Weight	22.5 kg (49.6 lbs)
Fixings	N/A

### Packaged Dimensions

Height	356 mm (14.02 in)
Width	336 mm (13.23 in)
Depth	658 mm (25.91 in)
Weight	25 kg (55.12 lbs)



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