

# ODV-3-440460-3F1N-MN

Optidrive Eco VFD Datasheet

**22 kW (30 HP), 46 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	41.4 A
Supply Fuse or MCB (Type B)	50 A

## Output Ratings

Motor Output Rating	22 kW (30 HP)
Output Voltage	0 – Supply Voltage
Output Current	46 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	No Brake Transistor
Enclosure	IP55
Display	TFT Display
PCB Coating	Standard

## Dimensions

Size	4
Height	450 mm (17.72 in)
Width	171 mm (6.73 in)
Depth	252 mm (9.92 in)
Weight	11.5 kg (25.35 lbs)
Fixings	4 x M8

## Packaged Dimensions

Height	510 mm (20.08 in)
Width	240 mm (9.45 in)
Depth	330 mm (12.99 in)
Weight	13.5 kg (29.76 lbs)



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# How we measure our drives and packaging



Drive Dimensions



Packaging Dimensions



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