

# ODV-3-440390-3F1N-MN

## Optidrive Eco VFD Datasheet

**18.5 kW (25 HP), 39 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	35.1 A
Supply Fuse or MCB (Type B)	40 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	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	12 kg (26.46 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	14 kg (30.86 lbs)



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