

# ODV-3-540720-3F1N-TN

Optidrive Eco VFD Datasheet

**37 kW (50 HP), 72 A, 380-480 V, 3PH**  
IP55 Variable Frequency Drive with EMC  
Filter and OLED Text Display



### Input Ratings

Supply Voltage	380-480 V
Input Phases	3
Supply Current Continuous	58 A
Supply Fuse or MCB (Type B)	80 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	No Brake Transistor
Enclosure	IP55
Display	OLED Text
PCB Coating	Standard


### Dimensions

Size	5
Height	540 mm (21.26 in)
Width	235 mm (9.25 in)
Depth	270 mm (10.63 in)
Weight	23.1 kg (50.93 lbs)
Fixings	4 x M8

### Packaged Dimensions

Height	595 mm (23.43 in)
Width	350 mm (13.78 in)
Depth	375 mm (14.76 in)
Weight	25 kg (55.12 lbs)



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