

# ODE-3-440390-3F42

Optidrive E3 VFD Datasheet

**18.5 kW (25 HP), 39 A, 380-480 V, 3PH**  
IP20 Variable Frequency Drive with EMC Filter



### Input Ratings

Supply Voltage	380-480 V
Input Phases	3
Supply Current Continuous	44.1 A
Supply Fuse or MCB (Type B)	50 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 Filter
Brake Transistor	Internal Brake Transistor
Enclosure	IP20
Display	
PCB Coating	


### Dimensions

Size	4
Height	420 mm (16.54 in)
Width	171 mm (6.73 in)
Depth	212 mm (8.35 in)
Weight	9.1 kg (20.06 lbs)
Fixings	4 x M8

### Packaged Dimensions

Height	340 mm (13.39 in)
Width	282 mm (11.1 in)
Depth	560 mm (22.05 in)
Weight	10.5 kg (23.15 lbs)



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