

# ODE-3-110070-1F12-01

Optidrive E3 Single Phase VFD Datasheet

**0.37 kW (0.5 HP), 7 A, 110-115 V, 1PH**  
IP20 Variable Frequency Drive with EMC Filter



### Input Ratings

Supply Voltage	110-115 V
Input Phases	1
Supply Current Continuous	8.5 A
Supply Fuse or MCB (Type B)	16 A

### Output Ratings

Motor Output Rating	0.37 kW (0.5 HP)
Output Voltage	0 – Supply Voltage
Output Current	7 A

### Cable Information

Max Supply Cable Size	8 mm <sup>2</sup> (0.01 sq in)
Max Motor Cable Size	8 mm <sup>2</sup> (0.01 sq in)
Max Motor Cable Length	100 m (328 ft)

### Factory Build Options

EMC Filter	Internal EMC Filter
Brake Transistor	No Internal Brake Transistor
Enclosure	IP20
Display	LED
PCB Coating	-

### Dimensions

Size	1
Height	173 mm (6.81 in)
Width	83 mm (3.27 in)
Depth	123 mm (4.84 in)
Weight	1 kg (2.2 lbs)
Fixings	4 x M5

### Packaged Dimensions

Height	165 mm (6.5 in)
Width	125 mm (4.92 in)
Depth	235 mm (9.25 in)
Weight	1.2 kg (2.65 lbs)



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Drive Dimensions



Packaging Dimensions



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