

# ODE-3-210105-1F42-01

Optidrive E3 Single Phase VFD Datasheet

**0.55 kW (0.75 HP), 10.5 A, 110-115 V, 1P**  
IP20 Variable Frequency Drive with EMC Filter



## Input Ratings

Supply Voltage	110-115 V
Input Phases	1
Supply Current Continuous	12.5 A
Supply Fuse or MCB (Type B)	16 A

## Output Ratings

Motor Output Rating	0.55 kW (0.75 HP)
Output Voltage	0 – Supply Voltage
Output Current	10.5 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	Internal Braking Transistor
Enclosure	IP20
Display	LED
PCB Coating	-

## Dimensions

Size	2
Height	221 mm (8.7 in)
Width	110 mm (4.33 in)
Depth	150 mm (5.91 in)
Weight	1.7 kg (3.75 lbs)
Fixings	4 x M5

## Packaged Dimensions

Height	234 mm (9.21 in)
Width	144 mm (5.67 in)
Depth	260 mm (10.24 in)
Weight	1.93 kg (4.25 lbs)



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# How we measure our drives and packaging



Drive Dimensions



Packaging Dimensions



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