

ODE-3-540720-3F42

Optidrive E3 VFD Datasheet

37 kW (50 HP), 72 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	67.6 A
Supply Fuse or MCB (Type B)	100 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 ² (0.05 sq in)
Max Motor Cable Size	35 mm ² (0.05 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	LED
PCB Coating	-

Dimensions

Size	5
Height	486 mm (19.13 in)
Width	222 mm (8.74 in)
Depth	226 mm (8.9 in)
Weight	18.1 kg (39.9 lbs)
Fixings	4 x M8

Packaged Dimensions

Height	356 mm (14.02 in)
Width	336 mm (13.23 in)
Depth	658 mm (25.91 in)
Weight	19 kg (41.89 lbs)



How we measure our drives and packaging



Drive Dimensions



Packaging Dimensions