

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 ² (0.02 sq in)
Max Motor Cable Size	16 mm ² (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	LED
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)



How we measure our drives and packaging



Drive Dimensions



Packaging Dimensions