

ODE-3-440390-3F4B

Optidrive E3 VFD Datasheet

18.5 kW (25 HP), 39 A, 380-480 V, 3PH

IP66 Outdoor Switched 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	IP66 Outdoor Switched
Display	LED
PCB Coating	-

Dimensions

Size	4
Height	360 mm (14.17 in)
Width	240 mm (9.45 in)
Depth	271 mm (10.67 in)
Weight	9.5 kg (20.94 lbs)
Fixings	4 x M4

Packaged Dimensions

Height	325 mm (12.8 in)
Width	295 mm (11.61 in)
Depth	425 mm (16.73 in)
Weight	11.5 kg (25.35 lbs)



How we measure our drives and packaging



Drive Dimensions



Packaging Dimensions