

ODV-3-844800-3F1N-MN

Optidrive Eco VFD Datasheet

250 kW (400 HP), 480 A, 380-480 V, 3PH
IP55 Variable Frequency Drive with EMC
Filter and TFT Display



Input Ratings

Supply Voltage	380-480 V
Input Phases	3
Supply Current Continuous	480 A
Supply Fuse or MCB (Type B)	600 A

Output Ratings

Motor Output Rating	250 kW (400 HP)
Output Voltage	0 – Supply Voltage
Output Current	480 A

Cable Information

Max Supply Cable Size	240 mm ² (0.37 sq in)
Max Motor Cable Size	240 mm ² (0.37 sq in)
Max Motor Cable Length	100 m (328 ft)

Factory Build Options

EMC Filter	Internal EMC
Brake Transistor	No Brake Transistor
Enclosure	IP55
Display	TFT Display
PCB Coating	Standard

Dimensions

Size	8
Height	1334 mm (52.52 in)
Width	444 mm (17.48 in)
Depth	423 mm (16.65 in)
Weight	144 kg (317.47 lbs)
Fixings	4 x M12

Packaged Dimensions

Height	980 mm (38.58 in)
Width	610 mm (24.02 in)
Depth	1040 mm (40.94 in)
Weight	165 kg (363.76 lbs)



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Drive Dimensions



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