

ODV-3-641800-3F1N-MN

Optidrive Eco VFD Datasheet

90 kW (150 HP), 180 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	167.4 A
Supply Fuse or MCB (Type B)	250 A

Output Ratings

Motor Output Rating	90 kW (150 HP)
Output Voltage	0 – Supply Voltage
Output Current	180 A

Cable Information

Max Supply Cable Size	150 mm ² (0.23 sq in)
Max Motor Cable Size	150 mm ² (0.23 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	6
Height	865 mm (34.06 in)
Width	330 mm (12.99 in)
Depth	330 mm (12.99 in)
Weight	55 kg (121.25 lbs)
Fixings	4 x M10

Packaged Dimensions

Height	980 mm (38.58 in)
Width	450 mm (17.72 in)
Depth	450 mm (17.72 in)
Weight	56.5 kg (124.56 lbs)



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