

ODP-2-74160-3KF4N-MN

Optidrive P2 VFD Datasheet

160 kW, 302 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	307.8 A
Supply Fuse or MCB (Type B)	400 A

Output Ratings

Motor Output Rating	160 kW (250 HP)
Output Voltage	0 – Supply Voltage
Output Current	302 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	Internal
Enclosure	IP55
Display	TFT Display
PCB Coating	Standard

Dimensions

Size	7
Height	1280 mm (50.39 in)
Width	330 mm (12.99 in)
Depth	360 mm (14.17 in)
Weight	89 kg (196.21 lbs)
Fixings	4 x M10

Packaged Dimensions

Height	1420 mm (55.91 in)
Width	540 mm (21.26 in)
Depth	560 mm (22.05 in)
Weight	97 kg (213.85 lbs)



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