

ODP-2-84250-3KR42-MN

Optidrive P2 VFD Datasheet

250 kW, 480 A, 380-480 V, 3PH

IP20 Variable Frequency Drive with 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	High Performance EMC Filter
Brake Transistor	Internal
Enclosure	IP20
Display	TFT Display
PCB Coating	Standard

Drive Dimensions

Size	8
Height	974 mm (38.35 in)
Width	444 mm (17.48 in)
Depth	423 mm (16.65 in)
Weight	124.5 kg (274.48 lbs)
Fixings	4 x M12

Packaged Dimensions

Height	660 mm (25.98 in)
Width	620 mm (24.41 in)
Depth	1020 mm (40.16 in)
Weight	144 kg (317.47 lbs)



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