

ODP-2-56370-3K042-MN

Optidrive P2 VFD Datasheet

37 kW, 54 A, 500-600 V, 3PH

IP20 Variable Frequency Drive with TFT Display



Input Ratings

Supply Voltage	500-600 V
Input Phases	3
Supply Current Continuous	62.2 A
Supply Fuse or MCB (Type B)	80 A

Output Ratings

Motor Output Rating	37 kW (50 HP)
Output Voltage	0 – Supply Voltage
Output Current	54 A

Cable Information

Max Supply Cable Size	35 mm ² (0.05 sq in)
Max Motor Cable Size	35 mm ² (0.05 sq in)
Max Motor Cable Length	100 m (328 ft)

Factory Build Options

EMC Filter	No Internal EMC
Brake Transistor	Internal
Enclosure	IP20
Display	TFT Display
PCB Coating	Standard

Drive Dimensions

Size	5
Height	486 mm (19.13 in)
Width	233 mm (9.17 in)
Depth	260 mm (10.24 in)
Weight	18.1 kg (39.9 lbs)
Fixings	4 x M8

Packaged Dimensions

Height	356 mm (14.02 in)
Width	336 mm (13.23 in)
Depth	658 mm (25.91 in)
Weight	20.1 kg (44.31 lbs)



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