

P2 Series Variable Frequency Drive Datasheet

Model: P2-32050-1HF4B-T

5 HP (4 kW), 15.3 A, 200-240 V, 1-3PH

IP66 Switched Outdoor Variable Frequency Drive with EMC Filter and TFT Display

Input Ratings

Supply Voltage	200-240 V
Input Phases	1
Supply Current Continuous	33.2 A
Supply Fuse or MCB (Type B)	40 A

Output Ratings

Motor Output Rating	5 HP (4 kW)
Output Voltage	0 to Supply Voltage
Output Current	15.3 A

Cable Information

Max Supply Cable Size	8 AWG (8 mm ²)
Max Motor Cable Size	8 AWG (8 mm ²)
Max Motor Cable Length	328 ft (100 m)

Factory Build Options

EMC Filter	Internal EMC
Brake Transistor	Internal
Minimum Brake Resistance	20 Ω
Enclosure	NEMA 4X (IP66) Switched
Display	TFT Display
PCB Coating	Standard

Drive Dimensions

Size	3
Height	12.2 in (310mm)
Width	8.31 in (211mm)
Depth	9.25 in (235 mm)
Weight	14.55 lbs (6.6 kg)
Fixings	4 x M4

Packaged Dimensions

Height	12.01 in (305mm)
Width	10.63 in (270mm)
Depth	17.32 in (440mm)
Weight	16.76 lbs (7.6 kg)



Drive color depicted doesn't reflect actual drive color

Black Outershell - RAL Name: Jet Black | RAL Number: 9005 | Hex Code #0A0A0A

Gray Door - RAL Name: Traffic White | RAL Number: 9016 | Hex Code #F6F6F6



Environmental Ratings

Humidity	14 - 104°F (-10 - 40°C) With Derating: 104 - 122°F (40 - 50°C)
Altitude	<= 1000m With Derating: <= 4000m