

P2 Series Variable Frequency Drive Datasheet

Model: P2-24030-3HF4B-T

3 HP (2.2 kW), 5.8 A, 380-480 V, 3PH

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

Input Ratings

Supply Voltage	380-480 V
Input Phases	3
Supply Current Continuous	7.5 A
Supply Fuse or MCB (Type B)	10 A

Output Ratings

Motor Output Rating	3 HP (2.2 kW)
Output Voltage	0 to Supply Voltage
Output Current	5.8 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
Enclosure	NEMA 4X (IP66) Switched
Display	TFT Display
PCB Coating	Standard

Drive Dimensions

Size	2
Height	10.12 in (257mm)
Width	7.4 in (188mm)
Depth	6.77 in (172 mm)
Weight	7.72 lbs (3.5 kg)
Fixings	4 x M4

Packaged Dimensions

Height	8.46 in (215mm)
Width	9.25 in (235mm)
Depth	14.76 in (375mm)
Weight	9.26 lbs (4.2 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

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