

P2 Series Variable Frequency Drive Datasheet

Model: P2-62050-3HF4N-T

50 HP (37 kW), 150 A, 200-240 V, 3PH

IP55 Variable Frequency Drive with EMC Filter and TFT Display

Input Ratings

Supply Voltage	200-240 V
Input Phases	3
Supply Current Continuous	139.7 A
Supply Fuse or MCB (Type B)	200 A

Output Ratings

Motor Output Rating	50 HP (37 kW)
Output Voltage	0 to Supply Voltage
Output Current	150 A

Cable Information

Max Supply Cable Size	300 MCM (150 mm ²)
Max Motor Cable Size	300 MCM (150 mm ²)
Max Motor Cable Length	328 ft (100 m)

Factory Build Options

EMC Filter	Internal EMC
Brake Transistor	Internal
Enclosure	NEMA 12 (IP55)
Display	TFT Display
PCB Coating	Standard

Drive Dimensions

Size	6
Height	34.06 in (865mm)
Width	12.99 in (330mm)
Depth	13.07 in (332 mm)
Weight	121.25 lbs (55 kg)
Fixings	4 x M10

Packaged Dimensions

Height	38.58 in (980mm)
Width	17.72 in (450mm)
Depth	17.72 in (450mm)
Weight	127.87 lbs (58 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