P2 Series Variable Frequency Drive Datasheet

Model: P2-32050-3HF4B-T

5 HP (4 kW), 18 A, 200-240 V, 3PH
IP66 Switched Outdoor Variable Frequency Drive with EMC Filter and TFT Display

Input Ratings

Supply Voltage	200-240 V
Input Phases	3
Supply Current Continuous	21.6 A
Supply Fuse or MCB (Type B)	25 A



Output Ratings

Motor Output Rating	5 HP (4 kW)
Output Voltage	0 to Supply Voltage
Output Current	18 A

Cable Information

Max Supply Cable Size	8 AWG (8 mm²)
Max Motor Cable Size	8 AWG (8 mm²)
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
Communication Protocols	ModbusRTU, CANopen, and more*

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

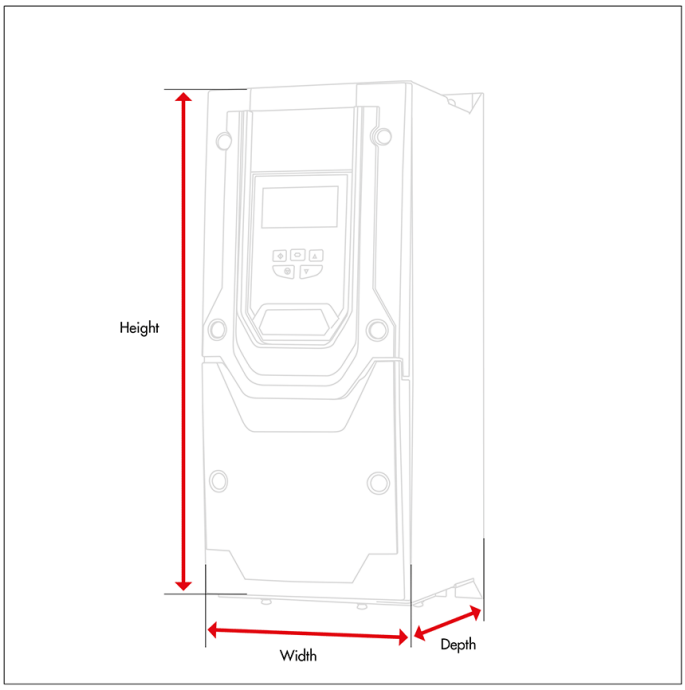
Bardac Drives 40 Log Canoe Circle, Stevensville, MD 21666 USA
Phone (410) 604-3400 Fax (410) 604-3500 www.bardac.com AutomationThings.com

Environmental Ratings

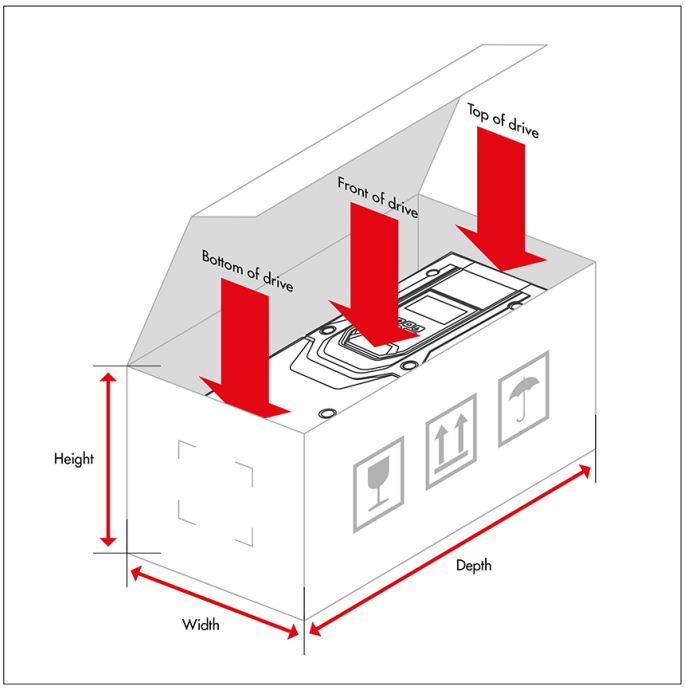
Temperature	14 - 104°F (-10 - 40°C) With Derating: 104 - 122°F (40 - 50°C)
Altitude	<= 1000m With Derating: <= 4000m

* Consult factory for additional communication options.

How we measure our drives and packaging



Drive Dimensions



Package Dimensions