

# P2 Series Variable Frequency Drive Datasheet

Model: P2-22010-3HF4A-T

**1 HP (0.75 kW), 4.3 A, 200-240 V, 3PH**

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

## Input Ratings

Supply Voltage	200-240 V
Input Phases	3
Supply Current Continuous	5.1 A
Supply Fuse or MCB (Type B)	10 A

## Output Ratings

Motor Output Rating	1 HP (0.75 kW)
Output Voltage	0 to Supply Voltage
Output Current	4.3 A

## Cable Information

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

## Factory Build Options

EMC Filter	Internal EMC
Brake Transistor	Internal
Minimum Brake Resistance	100 Ω
Enclosure	NEMA 4X (IP66) Non Switched
Display	TFT Display
PCB Coating	Standard
Communication Protocols	ModbusRTU, CANopen, and more*

## 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

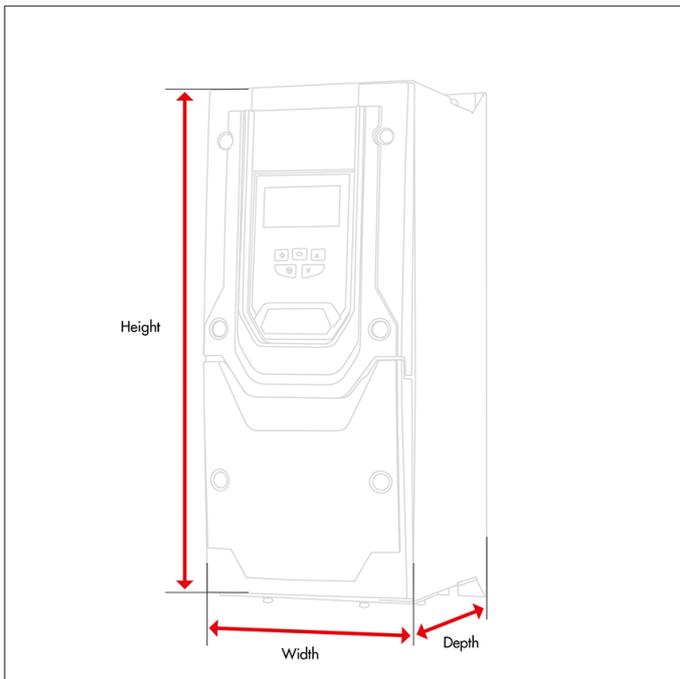


## Environmental Ratings

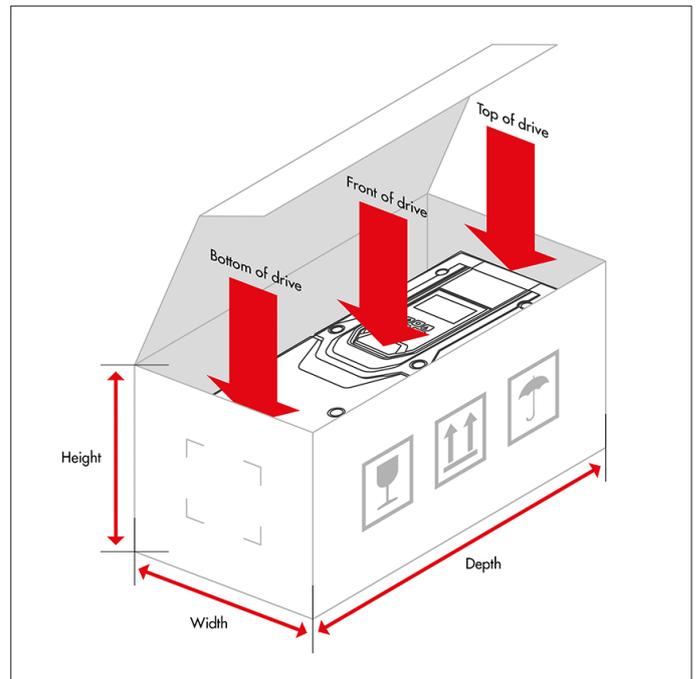
Temperature	14 - 104°F (-10 - 40°C) With Derating: 104 - 122°F (40 - 50°C)
Altitude	<= 1000m With Derating: <= 4000m

\* Consult factory for additional communication options.

## How we measure our drives and packaging



Drive Dimensions



Package Dimensions