

P2 Series Variable Frequency Drive Datasheet

Model: P2-22010-1HF4B-T

1 HP (0.75 kW), 4.3 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 | 8.5 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 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 | 100 Ω |
| 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

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