

# P2 Series Variable Frequency Drive Datasheet

Model: P2-32050-3HF42-T

**5 HP (4 kW), 18 A, 200-240 V, 3PH**

**IP20 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 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 | 20 Ω         |
| Enclosure                | IP20         |
| Display                  | TFT Display  |
| PCB Coating              | Standard     |

## Drive Dimensions

|         |                   |
|---------|-------------------|
| Size    | 3                 |
| Height  | 10.28 in (261mm)  |
| Width   | 5.16 in (131mm)   |
| Depth   | 8.07 in (205 mm)  |
| Weight  | 7.72 lbs (3.5 kg) |
| Fixings | 4 x M4            |

## Packaged Dimensions

|        |                   |
|--------|-------------------|
| Height | 12.8 in (325mm)   |
| Width  | 6.5 in (165mm)    |
| Depth  | 10.24 in (260mm)  |
| Weight | 8.16 lbs (3.7 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 - 122°F (-10 - 50°C)             |
| Altitude | <= 1000m<br>With Derating: <= 4000m |