

P2 Series Variable Frequency Drive Datasheet

Model: P2-36150-3H04B-T

15 HP (11 kW), 17 A, 500-600 V, 3PH

IP66 Switched Outdoor Variable Frequency Drive with TFT Display

Input Ratings

| | |
|-----------------------------|-----------|
| Supply Voltage | 500-600 V |
| Input Phases | 3 |
| Supply Current Continuous | 20.6 A |
| Supply Fuse or MCB (Type B) | 25 A |

Output Ratings

| | |
|---------------------|---------------------|
| Motor Output Rating | 15 HP (11 kW) |
| Output Voltage | 0 to Supply Voltage |
| Output Current | 17 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 | No Internal EMC |
| Brake Transistor | Internal |
| Enclosure | NEMA 4X (IP66) Switched |
| Display | TFT Display |
| PCB Coating | Standard |

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



Environmental Ratings

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