

P2 Series Variable Frequency Drive Datasheet

Model: P2-52025-3HF42-T

25 HP (18.5 kW), 72 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 | 82.9 A |
| Supply Fuse or MCB (Type B) | 100 A |

Output Ratings

| | |
|---------------------|---------------------|
| Motor Output Rating | 25 HP (18.5 kW) |
| Output Voltage | 0 to Supply Voltage |
| Output Current | 72 A |

Cable Information

| | |
|------------------------|-----------------------------|
| Max Supply Cable Size | 2 AWG (35 mm ²) |
| Max Motor Cable Size | 2 AWG (35 mm ²) |
| Max Motor Cable Length | 328 ft (100 m) |

Factory Build Options

| | |
|--------------------------|--------------|
| EMC Filter | Internal EMC |
| Brake Transistor | Internal |
| Minimum Brake Resistance | 12 Ω |
| Enclosure | IP20 |
| Display | TFT Display |
| PCB Coating | Standard |
| DC Choke | Included |

Drive Dimensions

| | |
|---------|--------------------|
| Size | 5 |
| Height | 19.13 in (486mm) |
| Width | 9.17 in (233mm) |
| Depth | 10.24 in (260 mm) |
| Weight | 39.9 lbs (18.1 kg) |
| Fixings | 4 x M8 |

Packaged Dimensions

| | |
|--------|---------------------|
| Height | 14.02 in (356mm) |
| Width | 13.23 in (336mm) |
| Depth | 25.91 in (658mm) |
| Weight | 44.31 lbs (20.1 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 With Derating: <= 4000m |