

# P2 Series Variable Frequency Drive Datasheet

Model: P2-26075-3H042-T

**7.5 HP (5.5 kW), 9 A, 500-600 V, 3PH**  
**IP20 Variable Frequency Drive with TFT Display**

## Input Ratings

|                             |           |
|-----------------------------|-----------|
| Supply Voltage              | 500-600 V |
| Input Phases                | 3         |
| Supply Current Continuous   | 10.8 A    |
| Supply Fuse or MCB (Type B) | 16 A      |

## Output Ratings

|                     |                     |
|---------------------|---------------------|
| Motor Output Rating | 7.5 HP (5.5 kW)     |
| Output Voltage      | 0 to Supply Voltage |
| Output Current      | 9 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               | No Internal EMC |
| Brake Transistor         | Internal        |
| Minimum Brake Resistance | 100 Ω           |
| Enclosure                | IP20            |
| Display                  | TFT Display     |
| PCB Coating              | Standard        |

## Drive Dimensions

|         |                   |
|---------|-------------------|
| Size    | 2                 |
| Height  | 8.7 in (221mm)    |
| Width   | 4.33 in (110mm)   |
| Depth   | 7.28 in (185 mm)  |
| Weight  | 3.97 lbs (1.8 kg) |
| Fixings | 4 x M4            |

## Packaged Dimensions

|        |                   |
|--------|-------------------|
| Height | 10.43 in (265mm)  |
| Width  | 5.71 in (145mm)   |
| Depth  | 9.06 in (230mm)   |
| Weight | 4.19 lbs (1.9 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 |