

V3 Series Variable Frequency Drive Datasheet

Model: V3-320240-3F12-T

7.5 HP (5.5 kW), 24 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 | 7.5 HP (5.5 kW) |
| Output Voltage | 0 to Supply Voltage |
| Output Current | 24 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 | No Brake Transistor |
| Enclosure | IP20 |
| Display | TFT Display |
| PCB Coating | Standard |

Drive Dimensions

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

Packaged Dimensions

| | |
|--------|-------------------|
| Height | 12.8 in (325 mm) |
| Width | 6.5 in (165 mm) |
| Depth | 10.24 in (260 mm) |
| 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

