

V3 Series Variable Frequency Drive Datasheet

Model: V3-460430-301E-T

40 HP (30 kW), 43 A, 500-600 V, 3PH

IP66 With Disconnect Outdoor Variable Frequency Drive with TFT Display

Input Ratings

| | |
|-----------------------------|-----------|
| Supply Voltage | 500-600 V |
| Input Phases | 3 |
| Supply Current Continuous | 49.5 A |
| Supply Fuse or MCB (Type B) | 63 A |

Output Ratings

| | |
|---------------------|---------------------|
| Motor Output Rating | 40 HP (30 kW) |
| Output Voltage | 0 to Supply Voltage |
| Output Current | 43 A |

Cable Information

| | |
|------------------------|-----------------------------|
| Max Supply Cable Size | 6 AWG (16 mm ²) |
| Max Motor Cable Size | 6 AWG (16 mm ²) |
| Max Motor Cable Length | 328 ft (100 m) |

Factory Build Options

| | |
|------------------|--------------------------------|
| EMC Filter | No Internal EMC |
| Brake Transistor | No Brake Transistor |
| Enclosure | NEMA 4X (IP66) With Disconnect |
| Display | TFT Display |
| PCB Coating | Standard |

Drive Dimensions

| | |
|---------|--------------------|
| Size | 4 |
| Height | 14.17 in (360 mm) |
| Width | 9.45 in (240 mm) |
| Depth | 10.67 in (271 mm) |
| Weight | 20.94 lbs (9.5 kg) |
| Fixings | 4 x M4 |

Packaged Dimensions

| | |
|--------|---------------------|
| Height | 12.8 in (325 mm) |
| Width | 11.61 in (295 mm) |
| Depth | 16.73 in (425 mm) |
| Weight | 25.35 lbs (11.5 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

