V3 Series Variable Frequency Drive Datasheet

Model: V3-320180-3F1E-T

5 HP (4 kW), 18 A, 200-240 V, 3PH
IP66 With Disconnect Outdoor Variable Frequency Drive with EMC Filter and TFT Display



Input Ratings

Supply Voltage	200-240 V
Input Phases	3
Supply Current Continuous	14 A
Supply Fuse or MCB (Type B)	16 A

Output Ratings

Motor Output Rating	5 HP (4 kW)
Output Voltage	0 to Supply Voltage
Output Current	18 A

Cable Information

Max Supply Cable Size	8 AWG (8 mm²)
Max Motor Cable Size	8 AWG (8 mm²)
Max Motor Cable Length	328 ft (100 m)

Factory Build Options

EMC Filter	Internal EMC
Brake Transistor	No Brake Transistor
Enclosure	NEMA 4X (IP66) With Disconnect
Display	TFT Display
PCB Coating	Standard
Communication Protocols	BACnet, ModbusRTU, and more*

Drive Dimensions

Size	3
Height	12.2 in (310 mm)
Width	8.31 in (211 mm)
Depth	9.25 in (235 mm)
Weight	14.55 lbs (6.6 kg)
Fixings	4 x M4

Packaged Dimensions

Height	12.01 in (305 mm)
Width	10.63 in (270 mm)
Depth	17.32 in (440 mm)
Weight	16.76 lbs (7.6 kg)

* Consult factory for additional communication options.

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

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