V3 Series Variable Frequency Drive Datasheet

Model: V3-240041-3F1A-T

2 HP (1.5 kW), 4.1 A, 380-480 V, 3PH
IP66 Non Switched Outdoor Variable Frequency Drive with EMC Filter and TFT Display



Input Ratings

Supply Voltage	380-480 V
Input Phases	3
Supply Current Continuous	3.7 A
Supply Fuse or MCB (Type B)	10 A

Output Ratings

Motor Output Rating	2 HP (1.5 kW)
Output Voltage	0 to Supply Voltage
Output Current	4.1 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) Non Switched
Display	TFT Display
PCB Coating	Standard
Communication Protocols	BACnet, ModbusRTU, and more*

Drive Dimensions

Size	2
Height	10.12 in (257 mm)
Width	7.4 in (188 mm)
Depth	6.77 in (172 mm)
Weight	7.72 lbs (3.5 kg)
Fixings	4 x M4

Packaged Dimensions

Height	8.46 in (215 mm)
Width	9.25 in (235 mm)
Depth	14.76 in (375 mm)
Weight	9.26 lbs (4.2 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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