V3 Series Variable Frequency Drive Datasheet

Model: V3-540900-3F1N-T

60 HP (45 kW), 90 A, 380-480 V, 3PH
IP55 Variable Frequency Drive with EMC Filter and TFT Display



Input Ratings

Supply Voltage	380-480 V
Input Phases	3
Supply Current Continuous	75.9 A
Supply Fuse or MCB (Type B)	100 A

Output Ratings

Motor Output Rating	60 HP (45 kW)
Output Voltage	0 to Supply Voltage
Output Current	90 A

Cable Information

Max Supply Cable Size	2 AWG (35 mm²)
Max Motor Cable Size	2 AWG (35 mm²)
Max Motor Cable Length	328 ft (100 m)

Factory Build Options

EMC Filter	Internal EMC
Brake Transistor	No Brake Transistor
Enclosure	NEMA 12 (IP55)
Display	TFT Display
PCB Coating	Standard
Communication Protocols	BACnet, ModbusRTU, and more*

Drive Dimensions

Size	5
Height	21.26 in (540 mm)
Width	9.25 in (235 mm)
Depth	10.63 in (270 mm)
Weight	50.71 lbs (23 kg)
Fixings	4 x M8

Packaged Dimensions

Height	23.43 in (595 mm)
Width	13.78 in (350 mm)
Depth	14.76 in (375 mm)
Weight	55.12 lbs (25 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

Bardac drives

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