V3 Series Variable Frequency Drive Datasheet

Model: V3-420460-3F12-T

15 HP (11 kW), 46 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	41.4 A
Supply Fuse or MCB (Type B)	50 A

Output Ratings

Motor Output Rating	15 HP (11 kW)
Output Voltage	0 to Supply Voltage
Output Current	46 A

Cable Information

Max Supply Cable Size	6 AWG (16 mm²)
Max Motor Cable Size	6 AWG (16 mm²)
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
Communication Protocols	BACnet, ModbusRTU, and more*

Drive Dimensions

Size	4
Height	16.46 in (418 mm)
Width	6.77 in (172 mm)
Depth	9.45 in (240 mm)
Weight	20.28 lbs (9.2 kg)
Fixings	4 x M8

Packaged Dimensions

Height	13.39 in (340 mm)
Width	11.02 in (280 mm)
Depth	22.05 in (560 mm)
Weight	24.69 lbs (11.2 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

Bardac Drives 40 Log Canoe Circle, Stevensville, MD 21666 USA
Phone (410) 604-3400 Fax (410) 604-3500 www.bardac.com AutomationThings.com