V3 Series Variable Frequency Drive Datasheet

Model: V3-641100-3F1N-T

75 HP (55 kW), 110 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	102.2 A
Supply Fuse or MCB (Type B)	125 A

Output Ratings

Motor Output Rating	75 HP (55 kW)
Output Voltage	0 to Supply Voltage
Output Current	110 A

Cable Information

Max Supply Cable Size	300 MCM (150 mm²)
Max Motor Cable Size	300 MCM (150 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	6
Height	34.06 in (865 mm)
Width	12.99 in (330 mm)
Depth	13.07 in (332 mm)
Weight	121.25 lbs (55 kg)
Fixings	4 x M10

Packaged Dimensions

Height	38.58 in (980 mm)
Width	17.72 in (450 mm)
Depth	17.72 in (450 mm)
Weight	127.87 lbs (58 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