E3 Series Variable Frequency Drive Datasheet

Model: E3-340180-304B

10 HP (7.5 kW), 18 A, 380-480 V, 3PH
IP66 Outdoor Switched Variable Frequency Drive



Input Ratings

Supply Voltage	380-480 V
Input Phases	3
Supply Current Continuous	21.2 A
Supply Fuse or MCB (Type B)	32 A

Output Ratings

Motor Output Rating	10 HP (7.5 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	No Internal EMC Filter
Brake Transistor	Internal Brake Transistor
Minimum Brake Resistance	100 Ω
Enclosure	NEMA 4X (IP66) Switched
Display	LED
Communication Protocols	ModbusRTU, CANopen, 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

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