E3 Series Variable Frequency Drive Datasheet

Model: E3-220070-1F4A

2 HP (1.5 kW), 7 A, 200-240 V, 1-3PH
IP66 Outdoor Non-switched Variable Frequency Drive with EMC Filter



Input Ratings

Supply Voltage	200-240 V
Input Phases	1
Supply Current Continuous	12.9 A
Supply Fuse or MCB (Type B)	16 A

Output Ratings

Motor Output Rating	2 HP (1.5 kW)
Output Voltage	0 to Supply Voltage
Output Current	7 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 Filter
Brake Transistor	Internal Brake Transistor
Minimum Brake Resistance	100 Ω
Enclosure	NEMA 4X (IP66) Non Switched
Display	LED
Communication Protocols	ModbusRTU, CANopen, 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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