E3 Series Variable Frequency Drive Datasheet

Model: E3-220105-1F4A-01

1.5 HP (1.1 kW), 10.5 A, 200-240 V, 1PH
IP66 Outdoor Non-switched Variable Frequency Drive with EMC Filter



Input Ratings

Supply Voltage	200-240 V
Input Phases	1
Supply Current Continuous	14 A
Supply Fuse or MCB (Type B)	20 A

Output Ratings

Motor Output Rating	1.5 HP (1.1 kW)
Output Voltage	0 to Supply Voltage
Output Current	10.5 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 Braking Transistor
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

Bardac drives

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