E3 Series Variable Frequency Drive Datasheet

Model: E3-210105-1F42-01

0.75 HP (0.55 kW), 10.5 A, 110-115 V, 1PH
IP20 Variable Frequency Drive with EMC Filter



Input Ratings

Supply Voltage	110-115 V
Input Phases	1
Supply Current Continuous	12.5 A
Supply Fuse or MCB (Type B)	16 A

Output Ratings

Motor Output Rating	0.75 HP (0.55 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	IP20
Display	LED
Communication Protocols	ModbusRTU, CANopen, and more*

Drive Dimensions

Size	2
Height	8.7 in (221 mm)
Width	4.33 in (110 mm)
Depth	5.91 in (150 mm)
Weight	3.75 lbs (1.7 kg)
Fixings	4 x M5

Packaged Dimensions

Height	9.21 in (234 mm)
Width	5.67 in (144 mm)
Depth	10.24 in (260 mm)
Weight	4.25 lbs (1.93 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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