E3 Series Variable Frequency Drive Datasheet

Model: E3-440460-3F4A

30 HP (22 kW), 46 A, 380-480 V, 3PH
IP66 Outdoor Non-switched Variable Frequency Drive with EMC Filter



Input Ratings

Supply Voltage	380-480 V
Input Phases	3
Supply Current Continuous	51.9 A
Supply Fuse or MCB (Type B)	63 A

Output Ratings

Motor Output Rating	30 HP (22 kW)
Output Voltage	0 to Supply Voltage
Output Current	46 A

Cable Information

Max Supply Cable Size	6 AWG (16 mm²)
Max Motor Cable Size	6 AWG (16 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	22 Ω
Enclosure	NEMA 4X (IP66) Non Switched
Display	LED
Communication Protocols	ModbusRTU, CANopen, and more*

Drive Dimensions

Size	4
Height	14.17 in (360 mm)
Width	9.45 in (240 mm)
Depth	10.28 in (261 mm)
Weight	20.94 lbs (9.5 kg)
Fixings	4 x M4

Packaged Dimensions

Height	12.8 in (325 mm)
Width	11.61 in (295 mm)
Depth	16.73 in (425 mm)
Weight	25.35 lbs (11.5 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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