E3 Series Variable Frequency Drive Datasheet

Model: E3-540720-3F42

50 HP (37 kW), 72 A, 380-480 V, 3PH
IP20 Variable Frequency Drive with EMC Filter



Input Ratings

Supply Voltage	380-480 V
Input Phases	3
Supply Current Continuous	67.6 A
Supply Fuse or MCB (Type B)	100 A

Output Ratings

Motor Output Rating	50 HP (37 kW)
Output Voltage	0 to Supply Voltage
Output Current	72 A

Cable Information

Max Supply Cable Size	2 AWG (35 mm²)
Max Motor Cable Size	2 AWG (35 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	15 Ω
Enclosure	IP20
Display	LED
Communication Protocols	ModbusRTU, CANopen, and more*
DC Choke	Included

Drive Dimensions

Size	5
Height	19.13 in (486 mm)
Width	8.74 in (222 mm)
Depth	9.17 in (233 mm)
Weight	39.9 lbs (18.1 kg)
Fixings	4 x M8

Packaged Dimensions

Height	14.02 in (356 mm)
Width	13.23 in (336 mm)
Depth	25.91 in (658 mm)
Weight	41.89 lbs (19 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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