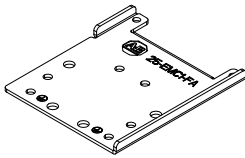




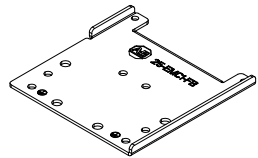
PowerFlex 520-Series EMC Plate Installation

Catalog Numbers: 25-EMC1-FA, 25-EMC1-7FB, 25-EMC1-FC, 25-EMC1-FD, 25-EMC1-FE

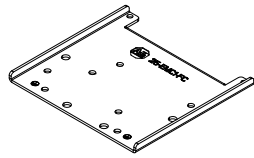
Frame A – 25-EMC1-FA



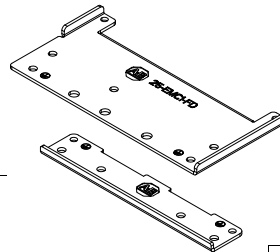
Frame B – 25-EMC1-FB



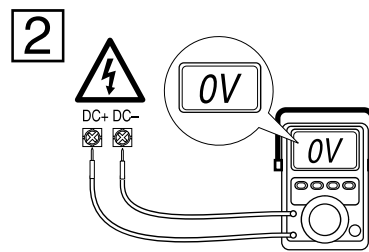
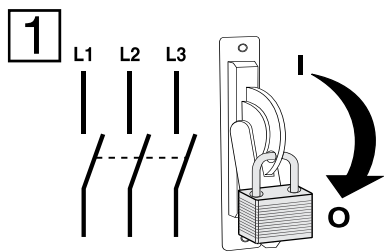
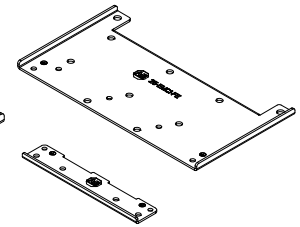
Frame C – 25-EMC1-FC



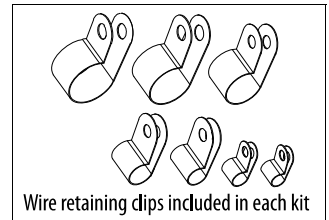
Frame D – 25-EMC1-FD



Frame E – 25-EMC1-FE

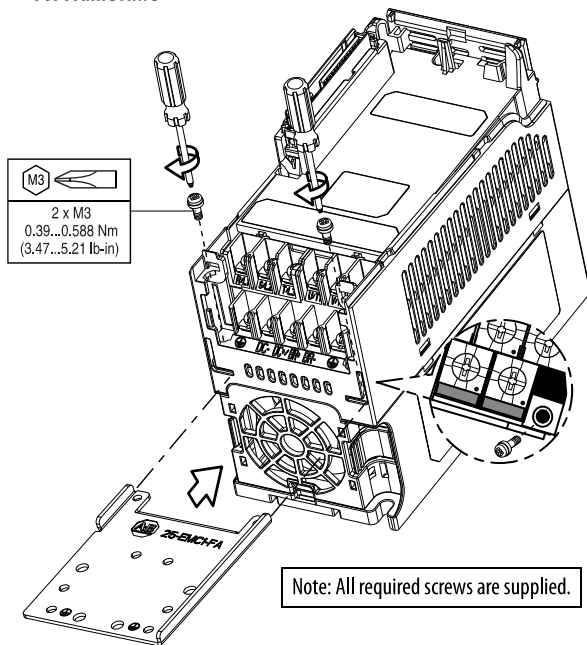


Wait three minutes after shutdown for capacitors to discharge to safe voltage levels.

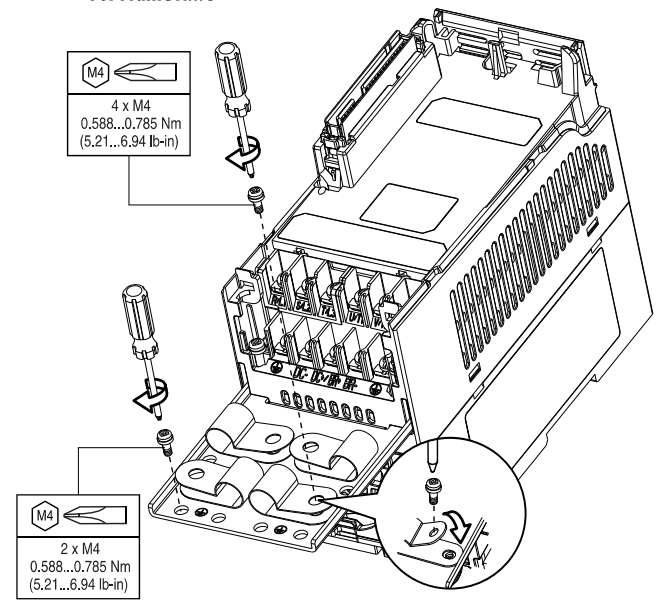


IMPORTANT Grounding and Wiring configuration must be appropriate for EMC applications. Refer to the Wiring and Grounding Guide, (PWM) AC Drives manual (publication [DRIVES-IN001](#)) for detailed information.

3 Install the EMC Plate For Frame A...C

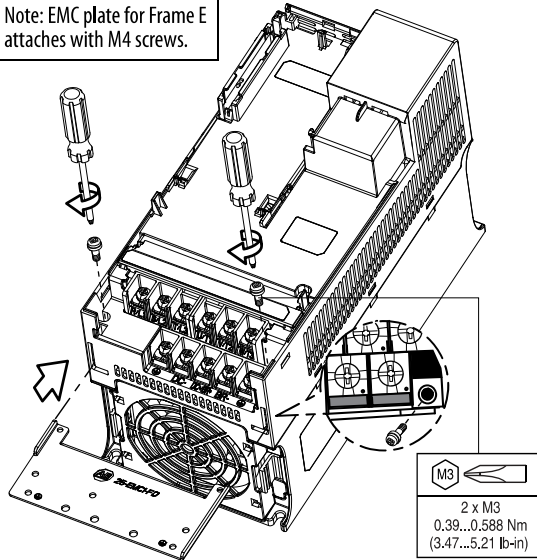


4 Install Wire Retaining Clips and Grounding Screws For Frame A...C

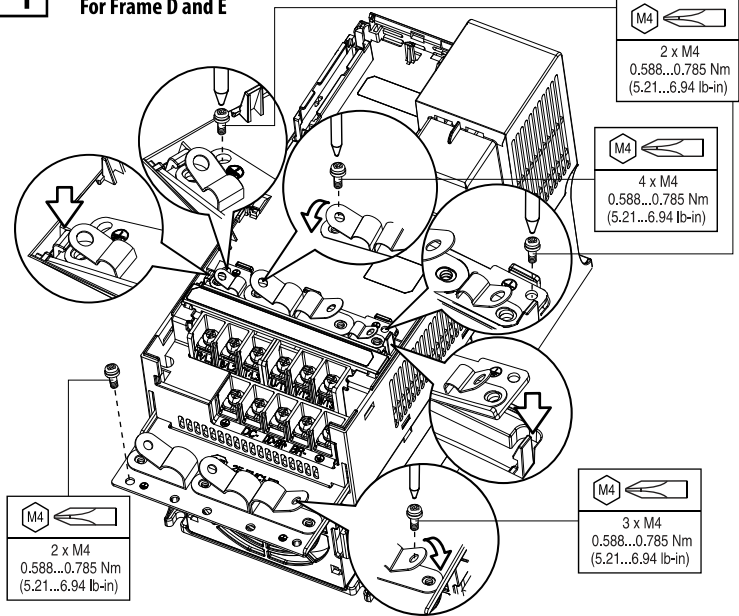


**3 Install the EMC Plate (continued)
For Frame D and E**

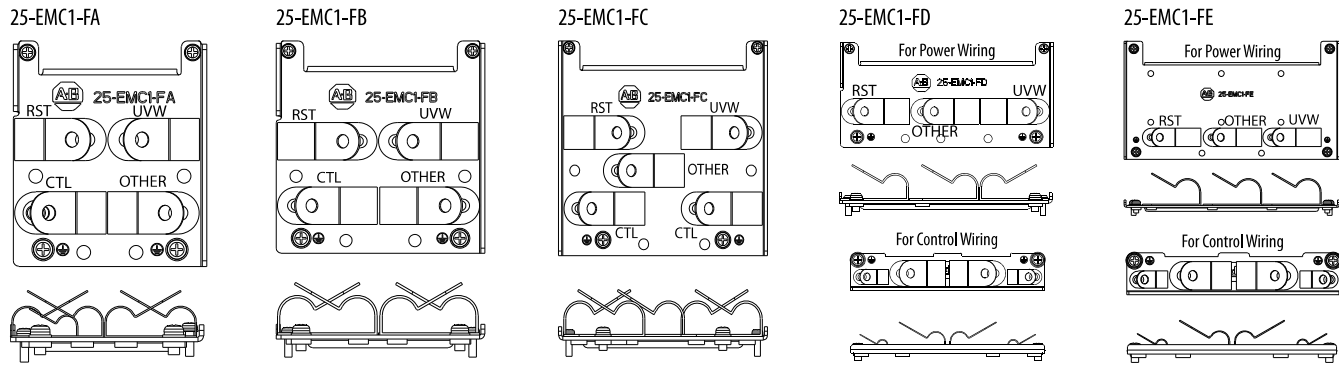
Note: EMC plate for Frame E attaches with M4 screws.



**4 Install Wire Retaining Clips and Grounding Screws (continued)
For Frame D and E**

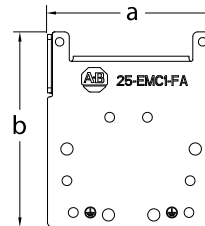


Wire Retaining Clip Layout



Dimensions

Frame	a	b	Plate 2 (a)	Plate 2 (b)
A	68.6 mm (2.70 in.)	80.0 mm (3.15 in.)	–	–
B	83.6 mm (3.29 in.)	85.0 mm (3.35 in.)	–	–
C	103.0 mm (4.06 in.)	96.0 mm (3.78 in.)	–	–
D	124.0 mm (4.88 in.)	61.0 mm (2.40 in.)	112.6 mm (4.43 in.)	22.0 mm (0.87 in.)
E	177.0 mm (6.97 in.)	97.0 mm (3.82 in.)	112.6 mm (4.43 in.)	22.0 mm (0.87 in.)



Recommended Wire Gauge

Frame	Wire Gauge
A	0.82...5.26 mm ² (18...10 AWG)
B	2.08...8.36 mm ² (14...8 AWG)
C	2.08...8.36 mm ² (14...8 AWG)
D	5.26...13.29 mm ² (10...6 AWG)
E	8.36...26.65 mm ² (8...3 AWG)

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