Instructional Leaflet P53003

Effective April 2015

AN19DN0A5E020-CRK AN19GN0A5E045-CRK AN19KN0A5E100-CRK AN19NN0A5E140-CRK AN19NN0A5E300-CRK

AN19 Starter Competitive Retrofit Kits

This kit will provide all necessary components to upgrade an existing competitor bi-metallic starter with an Eaton AN19 starter with solid state overload.

- 1. Remove the existing starter from the panel (A) and retain existing screws.
- 2. Review the instruction label that is provided with the competitive mounting plate (B) to locate the existing starter mounting holes. These holes will line up with the holes on the panel (A).
- 3. Secure the competitive mounting plate (B) to the panel (A) using the existing mounting holes.
- 4. Mount the AN19 starter (C) to the competitive mounting plate (B) using the screws provided with the kit. The AN19 starter will align with the raised mounting holes on the plate. See instruction label that was provided with the competitive plate (B) for reference.
- Remove the cap insert (H) shown in Figure No. 2 from the overload on the bottom of the AN19 Starter (C). Reference Figure No. 2
- 6. Insert the remote reset module (E).
- 7. Mount the Reset Pushbutton (F) to the door.
 - a. Remove the retaining nut from the pushbutton (F).
 - b. Insert the pushbutton (F) into the 30mm mounting hole in the door.
 - c. Place the RESET legend plate (G) over the pushbutton (F).
 - d. Screw the retaining nut (F) onto the pushbutton (F) until secure.
- 8. Use the control wire (H) provided with the kit to connect the reset module (E) to the Reset pushbutton (F). Reference wiring diagram shown in Figure No. 2

Description	Letter Identifier
Competitive Mounting Plate	В
AN19 Starter C	
AN19 Starter overload cap	D
Remote Reset Module	E
Reset Pushbutton F	
Reset Legend Plate	G
16 gauge Control Wire H	
	Description Competitive Mounting Plate AN19 Starter AN19 Starter overload cap Remote Reset Module Reset Pushbutton Reset Legend Plate 16 gauge Control Wire





Figure 1.



Figure 2.

	C321CMP12					
(A)	Competitive Mounting Plate					
	Mount adaptor plate on panel using hole location per					
C b	table below. Then mount the starter onto the adaptor					
D0	plate (size 1: position A&1, size 2: position A&2) using					
	the enclosed 10-32 screws.					
	COMPETITIVE STARTER	POSITION SIZE 1	POSITION SIZE 2	SCREW SIZE		
	West A200	C & 2	D & 7	10-32		
	AB	-	B & 10	10-32		
	AB 709	C & 2	-	10-32		
	AB 509	C & 4	-	10-32		
	Eaton Citation	-	B & 8	10-32		
	Eaton Freedom	-	D & 2	10-32		
	Furnas	D & 2	-	10-32		
• • • • •	Furnas ESP 100	-	B & 7	10-32		
8	Furnas IN+	-	D&7	10-32		
	GE	-	B&9	10-32		
	Siemens	C & 3	B & 6	10-32		
<u>10</u>	Square D	C & 3	B & 5	10-32		
U	AB 709 Size "0": Position D & 2 (Screw Size 10-32)					

Figure 3.



Figure 5.

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Mount adaptor plate on panel using hole location per table below. Then mount the starter onto the adaptor plate (position A&3) using the enclosed 1/4-20 screws.

Competitive Mounting Plate

C321CMP3

COMPETITIVE STARTER	POSITION	SCREW SIZE
West A200	B & 3	1/4-20
AB	B & 1	1/4-20
Eaton Citation	B & 5	1/4-20
Eaton Freedom	A & 4	1/4-20
Furnas	B & 2	1/4-20
GE	D&7	1/4-20
Siemens	C & 6	1/4-20
Square D	D&6	1/4-20



SCREW

SIZE

1/4-20

1/4-20

1/4-20

1/4-20

5/16-18

1/4-20

POSITION

C & 2

C & 3

C & 4

C & 5

B&6

C & 7





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