INSTRUCTIONS
PLUG-IN BASE for E100 (incl. TED)
Old Style F, F225 & TB1 Circuit Breakers

DESCRIPTION

The plug-in base mounts to either line or load end of the circuit breaker. The studs are available from the factory in a horizontal or vertical position in respect to the base, Figure 1.

To permit close ganging of breakers, bases PD-1 and PD-2 can be interchanged — line to load — to maintain proper clearance, Figure 4.

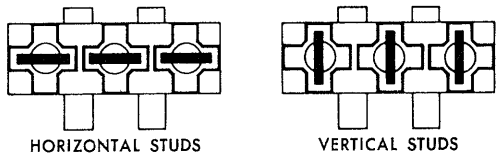

FIGURE 1

KIT CONTENTS

(1) Plug-in base for line or load end of breaker.
(2) Breaker mounting screws.
(3) Male plugs and hardware for line or load end of breaker.

MOUNTING INSTRUCTIONS

(1) Remove lugs from breaker. For Old Style F, turn lug screw until screw follower drops off. Remove screw.

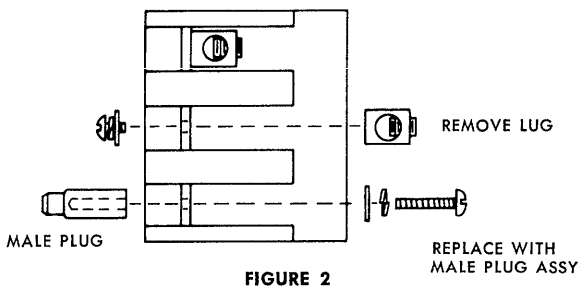

FIGURE 2

(2) Replace each lug on E100 (including TED), F225 and TB1, or each screw on the Old Style F, with one male plug assembly, Figure 2, consisting of (1) male plug, 10-32 x 1" Lg. Rd. Hd. screw, lockwasher and flat washer. Tighten screws securely.

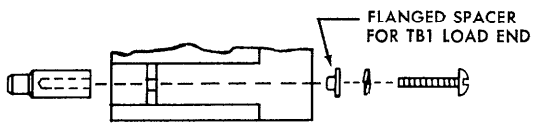

FIGURE 3

(For TB1 load end, use flanged spacer instead of flat washer. Figure 3)

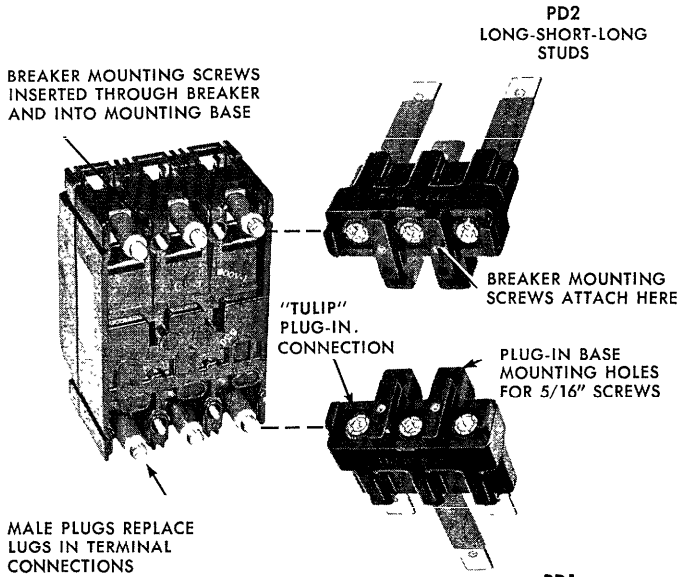

FIGURE 4

Male plug-in connections on breaker mate with plug in bases (shown with horizontal studs)

(3) Mount§ plug-in base with (2) 5/16" bolts, (not supplied) to proper support, using the dimensions shown on 455C995 of the Designer's Manual or in the table (reverse side of this sheet) for location of bolt holes.

(4) With breaker in OFF position, install breaker by aligning male plugs with tulip connection, and pressing firmly in place.

(5) Secure breaker to plug-in base with screws and washers provided in mounting kit.

NOTE: For TE Plug-In Units

TED Circuit Breakers—use 8-32 by 3" Lg Rd Hd Screws

TEF Circuit Breakers—use 8-32 by 2-3/4" Lg Rd Hd Screws

TB1 Circuit Breakers — use 8-32 by 2¾" Lg Rd Hd Screws for line end and 8-32 by 2½" Lg for load end.

If other mounting screws than those provided are used, threads must be Class 2 and free of burrs and deformation.

§Barrier Plates, available for all frame sizes and used for dead-front panel construction, can also be used as "templates" in mounting plug-in bases. (Consult Designer's Manual)

GENERAL ELECTRIC

CIRCUIT PROTECTIVE DEVICES DEPT. PLAINVILLE, CONN. 06062

BREAKER CAT. NO.		STUD ASM																		
	E100	A	B	C	POLE	AMP	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U
VERTICAL STUDS	TE12PC1	OMIT	LONG	SHORT	2	100	7/8	4 9/64	4 5/32	6 27/32	3/4	NONE	1 3/16	13/16	9/32	1/8	#8-32 TAP	2 5/8	6 5/8	5 1/4	4 1/8
	TE12PC2	OMIT	LONG	SHORT																	
	TE13PC1	SHORT	LONG	SHORT	3	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
	TE13PC2	LONG	SHORT	LONG																	
HORIZONTAL STUDS	TE12PD1	OMIT	LONG	SHORT	2	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
	TE12PD2	OMIT	LONG	SHORT																	
	TE13PD1	SHORT	LONG	SHORT	3	100	7/8	4 9/64	4 5/32	6 27/32	3/4	NONE	1 3/16	13/16	9/32	1/8	#8-32 TAP	2 5/8	6 5/8	5 1/4	4 1/8
	TE13PD2	LONG	SHORT	LONG																	

	F100	A	B	C	POLE	AMP	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U
VERTICAL STUDS	TF12PC1	OMIT	LONG	SHORT	2	100	23/32	4 11/16	4 5/32	6 27/32	3/4	NONE	1 3/16	13/16	9/32	1/8	#10-32 TAP	5 15/32	9 15/32	8 3/32	7 1/4
	TF12PC2	OMIT	LONG	SHORT																	
	TF13PC1	SHORT	LONG	SHORT	3																
	TF13PC2	LONG	SHORT	LONG																	
HORIZONTAL STUDS	TF12PD1	OMIT	LONG	SHORT	2																
	TF12PD2	OMIT	LONG	SHORT																	
	TF13PD1	SHORT	LONG	SHORT	3																
	TF13PD2	LONG	SHORT	LONG																	

	F225	A	B	C	POLE	AMP	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U
VERTICAL STUDS	TF22PC1	SHORT	OMIT	SHORT	2	225	1	5 1/2	4 21/32	7 21/32	1/2	13/16	1 13/16	1	9/16	1/4	#10-32 TAP	5 3/4	9 3/4	8 3/8	7 3/4
	TF22PC2	LONG	OMIT	LONG																	
	TF23PC1	SHORT	LONG	SHORT	3																
	TF23PC2	LONG	SHORT	LONG																	
HORIZONTAL STUDS	TF22PD1	SHORT	OMIT	SHORT	2																
	TF22PD2	LONG	OMIT	LONG																	
	TF23PD1	SHORT	LONG	SHORT	3																
	TF23PD2	LONG	SHORT	LONG																	

	TB1	A	B	C	POLE	AMP	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U
VERTICAL STUDS	TB12PC1	SHORT	OMIT	SHORT	2	100	7/8	4 1/4	4 5/32	6 27/32	3/4	NONE	1 3/16	13/16	9/32	1/8	#8-32 TAP	6 21/32	10 31/32	9 3/32	8 29/32
	TB12PC2	LONG	OMIT	LONG	2																
	TB13PC1	SHORT	LONG	SHORT	3																
	TB13PC2	LONG	SHORT	LONG	3																
HORIZONTAL	TB12PD1	SHORT	OMIT	SHORT	2																
	TB12PD2	LONG	OMIT	LONG	2																
	TB13PD1	SHORT	LONG	SHORT	3																
	TB13PD2	LONG	SHORT	LONG	3	100															

CIRCUIT BREAKER DIMENSIONS

C/B	Pole	Long	Wide
TE100	2	6 5/16	2 3/4
TE100	3	6 5/16	4 1/8
TF100	2	9 3/8	2 3/4
TF100	3	9 3/8	4 1/8
TF225	2,3	10 1/8	4 1/8
TB1	2,3	10 5/16	4 1/8