

Supplemental Instructions for MTE Control Power Transformers

Issued: November 2000

As of November 1, 2000, Digitrip Retrofit Kits ordered with a Control Power Transformer (CPT) will be supplied with a new style MTE Transformer. The information contained in this Supplemental Literature (SL) supersedes and expands on the CPT preparation, wiring, and insulation procedures contained in **all** Cutler-Hammer Digitrip Retrofit Instruction Literature manuals (ILs).

- 1. Remove and save the (2) .190 32 × .250" screws securing the fuse clips and male spade connector installed on the CPT. Discard the Fuse Clips and spade connector, then reinstall the screws in the CPT Terminals.
- Follow the CPT mounting and installation instructions contained in the IL supplied with the Retrofit Kit.
- Follow the instructions contained in the IL supplied with the Retrofit Kit to connect the CPT Wires. Use the Tap information contained in Table 1 to connect the High Voltage (HV) Wires to the CPT.



Fig. 1 New Style MTE Transformer



Fig. 2 Fuse Clips and Spade connector Removed from the Transformer

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NOTE: The Tap Information contained in Table 1 supersedes the Tap information contained in all Cutler-Hammer ILs.

Table 1 CPT Voltage Taps for Standard and Special Order CPTs

Standard CPT			
Voltage Required	CPT Terminals Used		
480 Volt Circuit	H1 & H4		
240 Volt Circuit	H2 & H4		
208 Volt Circuit	H3 & H4		
Special Order 575 Vol	t CPT		
575 Volt Circuit	H1 & H4		
460 Volt Circuit	H2 & H4		
230 Volt Circuit	H3 & H4		

4. After the HV and CPT Wires have been connected to the proper terminals of the CPT, install the "A" and "B" Finger-Safe Covers over the CPT Terminals as shown. Secure the Finger-Safe Covers to the CPT using the (4) .098 - 28 × .375" screws supplied with the CPT Kit. Torque the screws to 8 - 10 in./lbs.

NOTE: The "C" and "D" Finger-Safe Covers supplied with the CPT Kit are not used in this application and should be discarded.

NOTE: If any difficulties are encountered installing the new style MTE Transformer, contact Cutler-Hammer at 1-800-937-5487.

 Changes to the Digitrip Retrofit Installation Components Lists for the new style MTE Transformer.



Fig. 3 Finger-Safe Covers Installed on the CPT

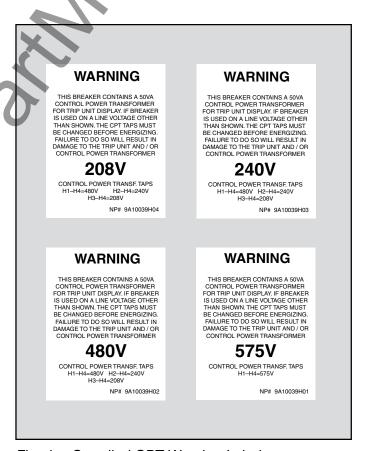


Fig. 4 Supplied CPT Warning Labels

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Step	Description	Style No.	Qty.	Comment
Steps (Varies)	Breaker Mounted CPT Kit (208, 240, & 480 Volts)	9A10037G01	1	CPT Only
	Breaker Mounted CPT Kit (208, 240, & 480 Volts -DS Only)	9A10037G02	1	CPT Only
	Breaker Mounted CPT Kit (575 Volts)	9A10037G03	1	CPT Only
	Breaker Mounted CPT Kit (575 Volts - DS Only)	9A10037G04	1	CPT Only
	MTE Transformer		4	CPT Only
	HV Fused Wires		2	CPT Only
	CPT Wires	Non-DS Only	T	CPT Only
	Low Voltage (LV) Harness Kit	DS Only	1	CPT Only
	Mounting Hardware Kit	10	1	CPT Only
	Ring Terminal (.138, .190, .250, .312, .375, .500 - Each Size)		2	CPT Only
	Warning Label (208, 240, 480, & 575 Volt Each)		1	CPT Only
Steps (Varies)	Finger-Safe Cover Kit	FSK4	1	CPT Only



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