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.
2. Follow the CPT mounting and installation instructions contained in the IL supplied with the Retrofit Kit.
3. 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.

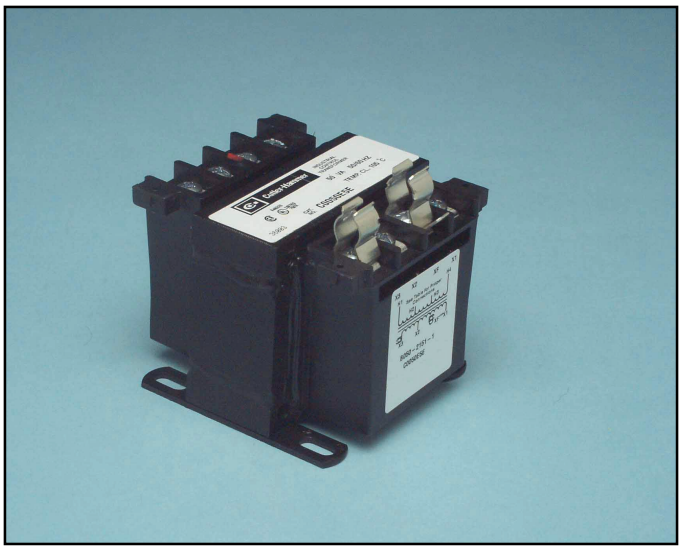

Fig. 1 New Style MTE Transformer

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 Volt 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.

5. 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

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		1	CPT Only
	HV Fused Wires		2	CPT Only
	CPT Wires	Non-DS Only	1	CPT Only
	Low Voltage (LV) Harness Kit	DS Only	1	CPT Only
	Mounting Hardware Kit		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