



# AMERICAN ELECTRIC EQUIPMENT, INC.

P.O. BOX 710 BECKLEY, WV 25801

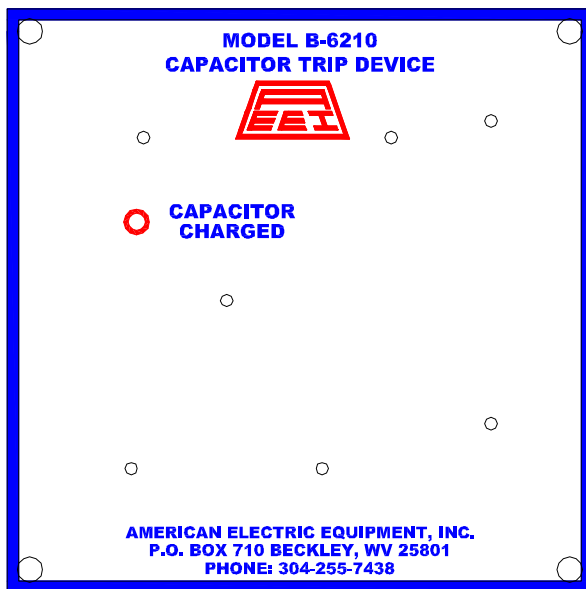
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B-8210 CAPACITOR TRIP DEVICE  
120 VAC INPUT  
CHARGES TO 110 VDC  
WITH ISOLATED CAPACITOR  
CHARGED CONTACTS

Document A-8818

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## Features

- ✓ 120 VAC input
- ✓ 110 VDC output
- ✓ Large value capacitor for extra tripping energy
- ✓ Capacitor charged indicating light
- ✓ Direct replacement for many trip devices
- ✓ Has form C contacts rated 10 amps AC for use in capacitor charged circuit

## ORDERING INFORMATION

CAPACITOR TRIP PART NUMBER: A-8210

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## Description

The B-8210 capacitor trip assembly provides DC tripping power for high voltage circuit breaker shunt trip coils. The capacitor trip assembly requires 120 VAC input power.

## Operation

Connect input and trip circuit wires as shown on drawing. A remote mounted charged indicating light can be used.

When power is applied to the capacitor trip the capacitor will charge to 110VDC as indicated by the capacitor charged light. The form C contacts will then change states; 6-7 will close and 6-8 will open.

## Faults

When a fault occurs stored energy of 110 VDC is available to trip shunt trip coils and the form C contacts will change to the non charged mode; 6-7 will open and 6-8 will close.

## TERMINAL CONNECTIONS

