



AMERICAN ELECTRIC EQUIPMENT, INC.

P.O. BOX 710 BECKLEY, WV 25801

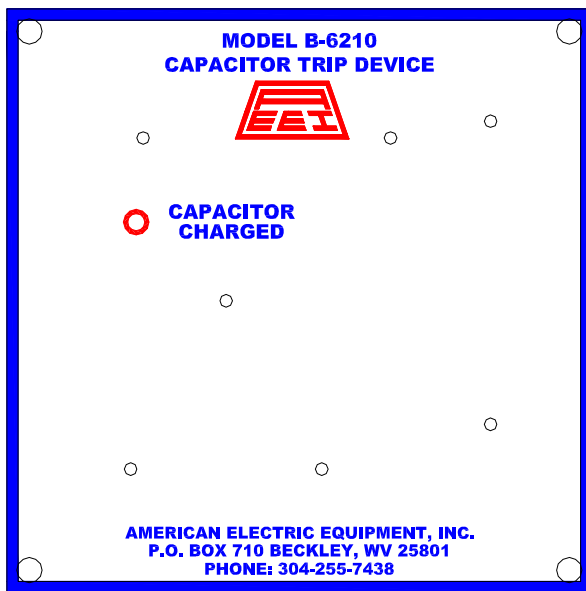
PHONE: 304-255-7438

FAX: 304-255-7448

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

Document A-8818

JULY 15, 2006



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

AMERICAN ELECTRIC EQUIPMENT
P.O. BOX 710
BECKLEY, WV
PHONE: 304-255-7438
FAX: 304-255-7448

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

