

Circuit Breaker Simulator

Avoid adding unnecessary “stress units” to high voltage circuit breakers.

The Barrington Model CBS (Circuit Breaker Simulator) was designed to be a convenient, light weight alternative to operating high voltage circuit breakers while testing the operation of substation protection relays.



- CONVENIENT
- EASY TO USE
- PROTECTED
- LIGHT WEIGHT
- ECONOMICAL
- QUICK SET-UP

A BIG package and it only weighs 8.5 lbs Dimensions (in.) 14x 10 x 7

Use the CBS to prove the trip and close operations while doing routine and commission testing of protective relay operations.

The Circuit Breaker Simulator operates on both 48VDC and 125VDC systems. Trip and Close connectors are provided for protective relay inputs. 6 Auxiliary contacts are provided for various test connections. 3 normally closed contacts and 3 normally open contacts are available.

Manual close and trip micro-switch push-buttons are provided for user convenience.

Indicating pilot lamps are 100,000 hour rated super bright LEDs.

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To use:

Connect Station DC power to the positive and appropriate negative terminal.

Warning - Do not Common the 48VDC and 125VDC terminals.

Attach the trip (2) wire to the trip terminal

Attach the close wire to the close terminal

There are 6 dry contacts that follow the breaker auxiliaries for testing purposes.

The CBS is now ready to use as a substitute for the actual circuit breaker.

The CBS is not intended for use with relays that monitor the trip/close coils.