

# CIRCUIT BREAKER TEST CART

CLASS  
6030

## GENERAL

The circuit breaker test cart provides several circuit breaker operations and verifications. In addition, the test cart provides mobility and contains a storage shelf for storing such test equipment as the \*Amptector test kit and cables which are required for high current testing and calibration. The test cart provides several features which are presented in the following text. (Refer to the Low Voltage Power Circuit Breakers Installation and Maintenance Manual for complete installation, operation and maintenance procedures — Manual 6030-2.)

**NOTE: THE CIRCUIT BREAKER TEST CART IS INTENDED FOR VERIFICATION OF CIRCUIT BREAKER MECHANICAL/ELECTRICAL CONTROL OPERATIONS.**

THE TEST CART CELL STRUCTURE DOES NOT REFLECT SWITCHGEAR/SWITCHBOARD SHORT CIRCUIT RATING BRACING, NOR DOES IT HAVE PRIMARY CURRENT OR VOLTAGE CAPABILITIES. THIS STRUCTURE SHOULD NOT BE USED AS A CIRCUIT PROTECTIVE SYSTEM.

## FEATURES:

1. Levering the circuit breaker through the following positions: removed; disconnect; test and connected position.
  2. Manual operation of the circuit breaker by charging the closing springs and performing a close/trip operation by depressing the associated push button.
  3. Electrical operation of the circuit breaker utilizing the electrical feature of the test cart and the remote breaker control switch located on the front of the test cart.
  4. Alignment verification and inspection of the primary and secondary contacts as the circuit breaker is levered into the associated positions.
  5. Primary current injection testing utilizing the load bars provided on the rear cell barrier.
- (Refer to figures 1 and 2 for the circuit breaker test component locations.)

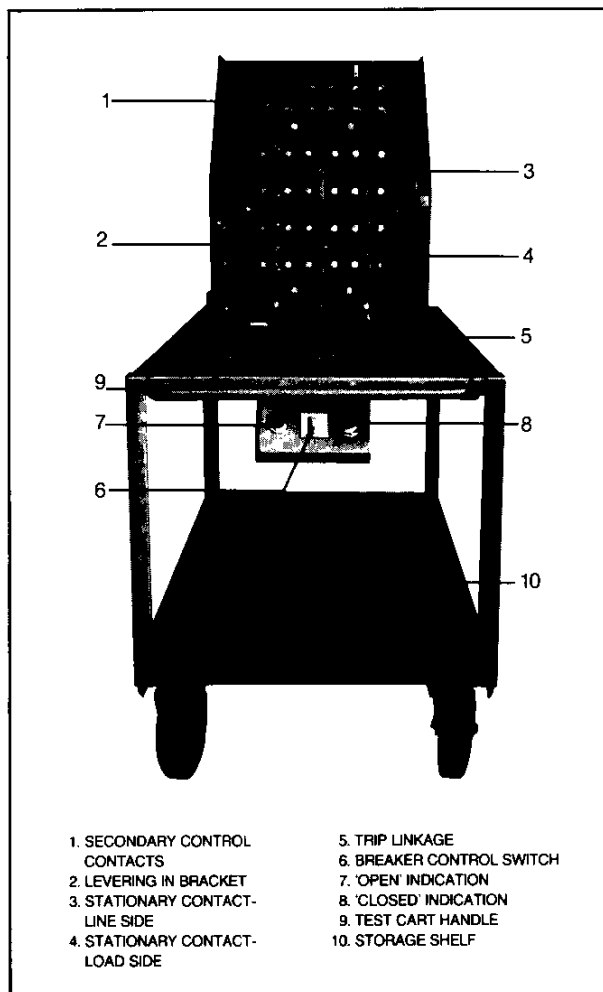


Figure 1  
Front View

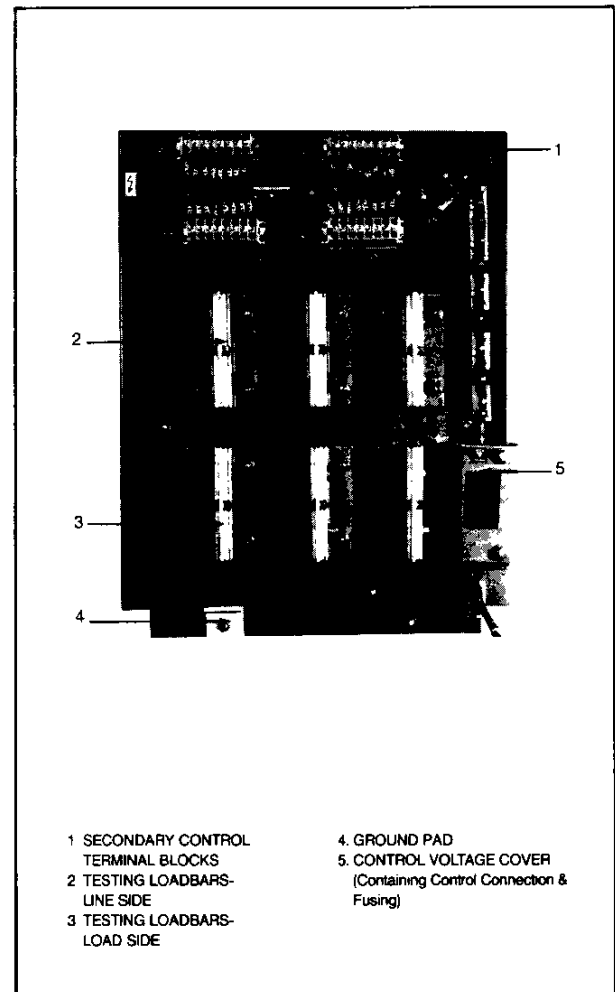


Figure 2  
Rear View



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