# TYPE KD AND KE CIRCUIT BREAKERS, MODEL A
(STATIONARY)

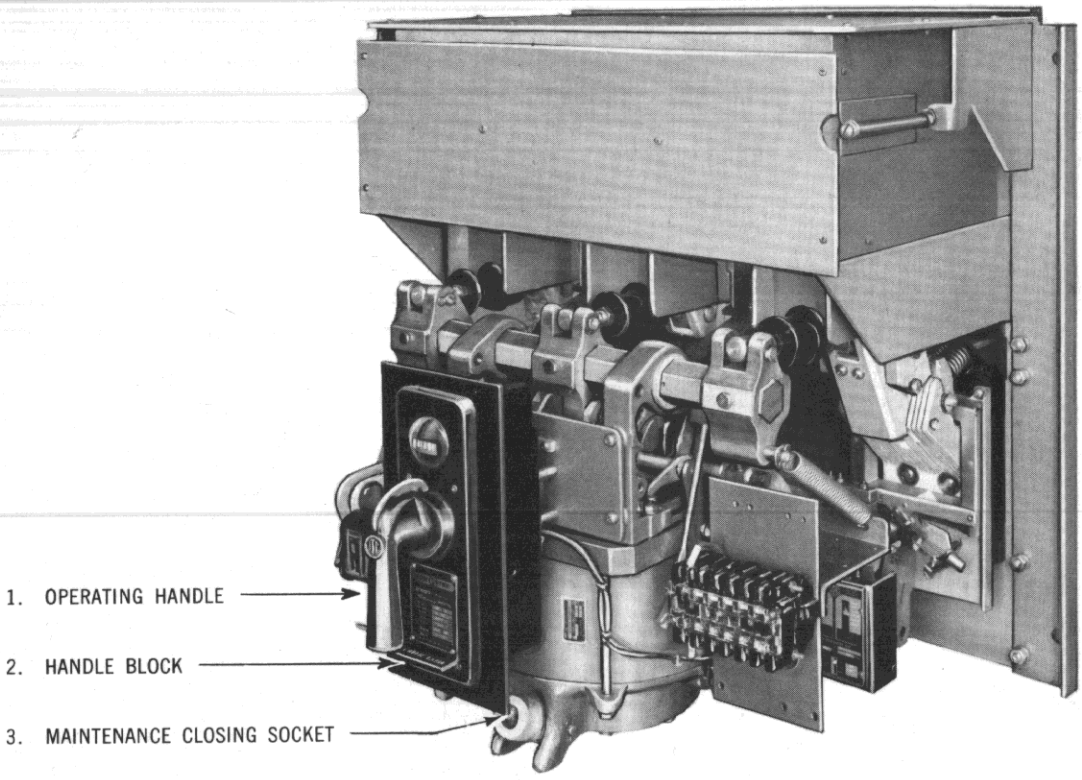


Photo 25826-R-A

*Fig. 1. Type KD Circuit Breaker, Front View Showing Right Side.*

## TRANSPORTATION DAMAGE

If damage or loss is evident, file claim at once with carrier and promptly notify I-T-E Circuit Breaker Company.

## PRE-OPERATIONAL INSPECTION

***CAUTION: De-energize primary and control circuits before installing the breaker.***

a. Close breaker manually as described under "MAINTENANCE OPERATION" and manually trip by turning operating handle (1) counter-clockwise.
b. Refer to instruction card on Type OD overcurrent trip device.
c. Megger out all circuits.
d. Energize the control circuit and electrically close breaker as described under "MAINTENANCE OPERATION" and manually trip breaker with operating handle (1).
e. Close and trip by remote control switches, and check each auxiliary device, such as undervoltage trip, for proper operation.
f. Energize primary circuits and breaker is ready for service.

## OPERATION

These breakers are designed primarily for electrical operation. They are mechanically and electrically trip free. That is, the breaker mechanism will be tripped in any part of the closing stroke by operation of any tripping device with which it is equipped as soon as the breaker contacts touch under short circuit or severe overload conditions, the breaker will immediately trip open.

### Electrical closing and tripping

A remote mounted control switch must be used.

### Manual tripping

Turn operating handle (1) counter-clockwise until visual indicator remains "OPEN".

### To lock in open position

Turn operating handle (1) counter-clockwise, raise locking hasp and insert one to three padlocks.

## MAINTENANCE OPERATION

***CAUTION: Never close breaker manually when connected to a live circuit.***

For manual closing, insert maintenance closing handle into socket (3). Bear down on handle until visual indicator remains "CLOSED".

Breaker may be closed electrically by removing handle block (2), and turning handle (1) clockwise.

## MAINTENANCE

It is recommended that a maintenance program be established for inspecting breakers at least every six months and as soon as possible after a short circuit or severe overload interruption.

Check condition of contacts, arc chutes, and electrical and mechanical connections.

Main and arcing contacts can be exposed for inspection by removing the interphase and roof barrier assembly and arc chutes.

***These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to the I-T-E Circuit Breaker Company.***