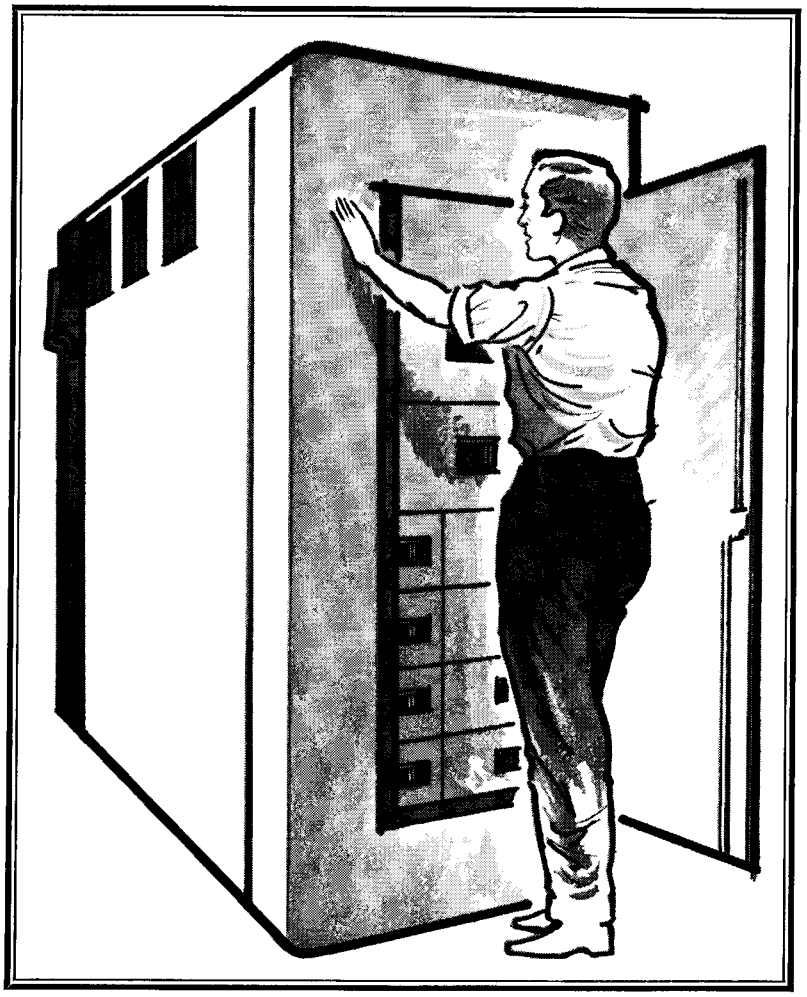
# ET®-H EXTRA-HEAVY-DUTY CIRCUIT BREAKERS

## DESCRIPTION



## APPLICATIONS

I-T-E extra-heavy-duty thermal-magnetic circuit breakers are designed for use in power panelboards, distribution switchboards, secondary unit substations and all types of individual enclosures where the available fault currents are of a heavy magnitude.

## RATINGS

These breakers have ratings of 15 through 2000 amperes, up to 600 volts A-C, 250 volts D-C with up to 65,000 symmetrical amperes interrupting capacity.

## FEATURES

Extra-heavy-duty breakers combine instantaneous-magnetic short circuit protection with thermal time-delay overload protection. They have a quick-make, quick-break, trip-free mechanism design, coupled with common trip operation to assure all poles of the breaker opening simultaneously and automatically in the event of a fault or overload on any pole. These breakers cannot be held closed under abnormal conditions. A three position handle visually indicates if breaker is "on", "off", or has "tripped" on automatic operation

Extra-heavy-duty circuit breaker frames are constructed of a high-impact glass alkyd resin material designed to withstand stresses of operation at 65,000 symmetrical amperes. The use of this material eliminates the need for any special fungus proofing. Consideration should be given, when applying these breakers, to provide adequate bus support and mechanical bracing.

Extra-heavy-duty breakers are factory calibrated for 40C (104F) operation and sealed to prevent tampering.