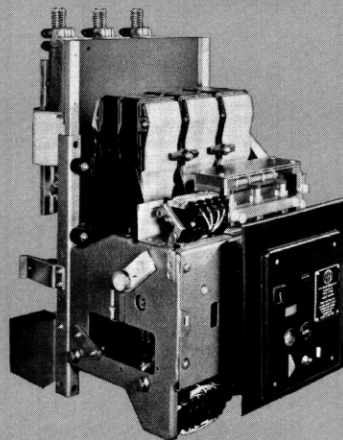
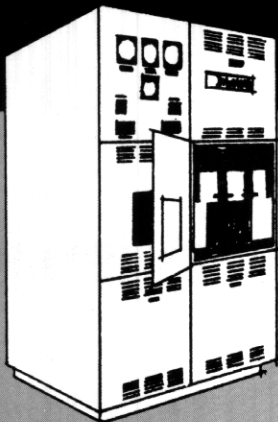




CURRENT LIMITING LOW VOLTAGE POWER CIRCUIT BREAKERS AND SWITCHGEAR

K-DON

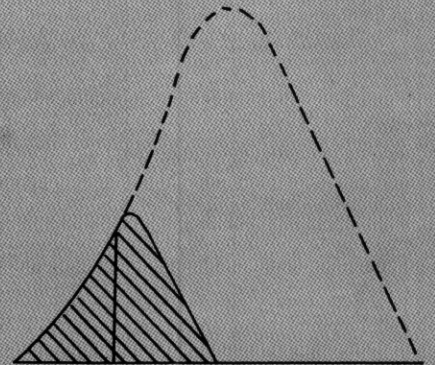


DRAWOUT MOUNTED
IN SWITCHGEAR ASSEMBLIES
OR INDIVIDUAL
ENCLOSURES (URELITE)

TO 1600 AMPERES
CONTINUOUS CURRENT

TO 200,000 AMPERES
INTERRUPTING CAPACITY

600 V a-c, 250 V d-c.



I-T-E CIRCUIT BREAKER COMPANY

Printed in U. S. A.

NEW

Distribution—Lists 26 and 48.1

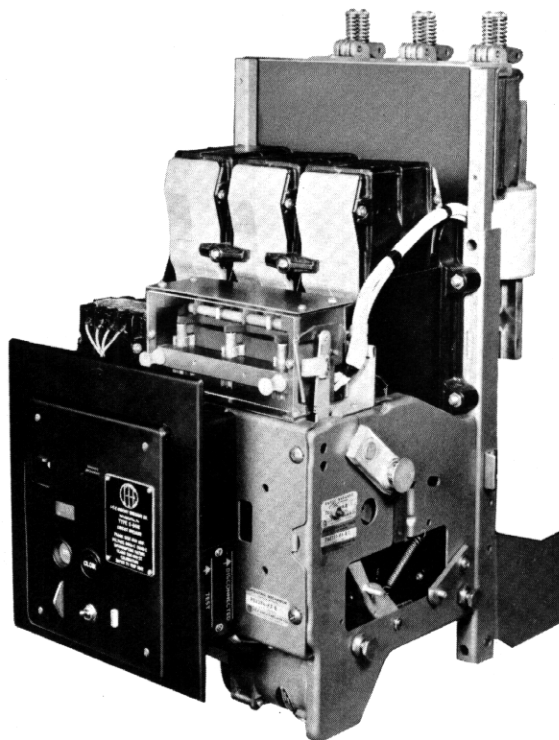
K-DON
DESCRIPTION
4301



K-DON*

CURRENT LIMITING CIRCUIT BREAKER.

200,000
AMPERES
INTERRUPTING
CAPACITY
+
WITH
COMPLETE
RANGE OF
OPERATION
OF K-LINE
LOW VOLTAGE
CIRCUIT
BREAKER



FEATURING:

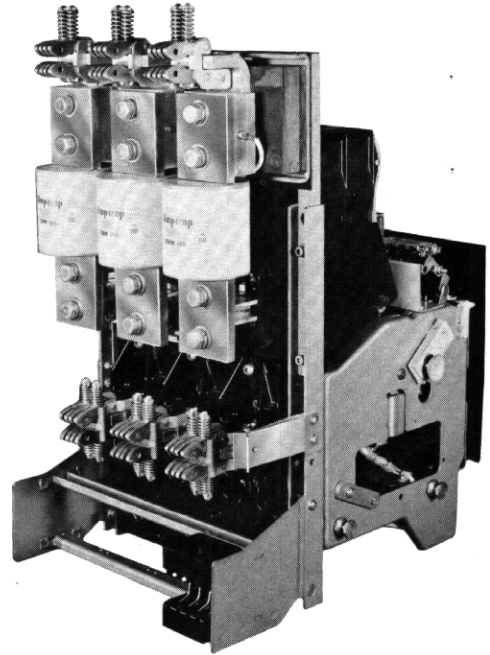
- Hi-speed protection for high capacity faults*
- Instantaneous tripping for medium capacity faults*
- Time delay tripping for medium and low capacity faults*
- Direct acting impact trip on high capacity faults—*
No external tripping power required
- No single phasing—three phase opening on all type faults*
- Adjustable long time, short time, and instantaneous settings*
- Easy mounting of standard current limiting fuses*
- Electrical and Manual stored energy Operation*
- Drawout mounting in individual enclosures or switchgear assemblies*
- Absolutely safe maintenance*

* Trademark



The K-Don circuit breaker is a compact versatile protective device which incorporates all of the features of the K-Line circuit breaker and the current limiting characteristics of the Amp-trap.® It is essentially a K-Line circuit breaker with such proven features as expanded range overcurrent trip, manual or electrical stored energy closing, undervoltage trip, shunt trip, auxiliary switches, etc. Physically connected in series to the line side at the rear are standard Amp-trap current limiting fuses.

The circuit breaker performs its normal functions of time delay and instantaneous tripping throughout its entire range of interrupting capacity. At any selected point either below or at the interrupting rating of the circuit breaker the fuse takes over giving protection up to 200,000 amperes. The fuse never blows below the pre-selected area thus saving nuisance replacements. This system affords vast flexibility in applying pinpointed protection to any type of electrical apparatus.



CIRCUIT BREAKER	FRAME SIZE AMPERES	VOLTAGE A-C	MAXIMUM CONTINUOUS CURRENT AMPERES	MAXIMUM INTERRUPTING RATING AMPERES	CIRCUIT BREAKER COIL RATING AMPERES	AMP-TRAP CONTINUOUS RATING AMPERES
K-Don-600 K-Don-1600	600 1600	up to 600 up to 600	600 1600	200,000 200,000	30-600 150-1600	400-2000 400-3000

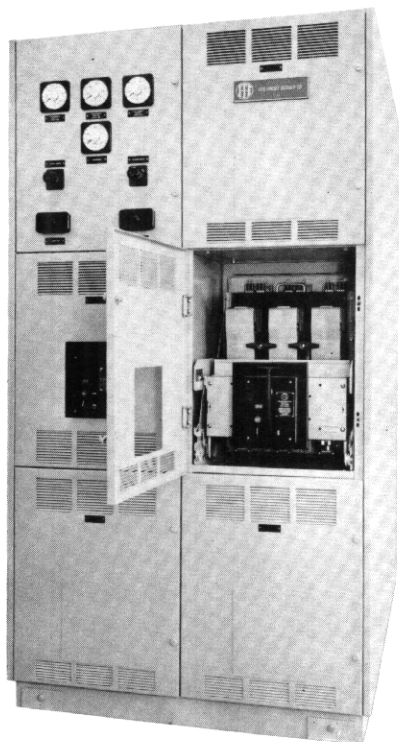
DIRECT ACTING IMPACT TRIP DEVICE

This optional anti-single phase device has three small current limiting trigger fuses in parallel with the Amp-traps. They contain a spring loaded link which operates the breaker tripper bar if any one of the trigger fuses opens. There is no need for external electrical tripping power. The breaker remains trip free until all blown trigger fuses have been replaced. A transparent cover on the device permits operator to see if a trigger fuse has blown or if the breaker was tripped by the overcurrent device. Trigger fuse also indicates which phase has been opened.





K-DON IS AVAILABLE IN STANDARD SWITCHGEAR



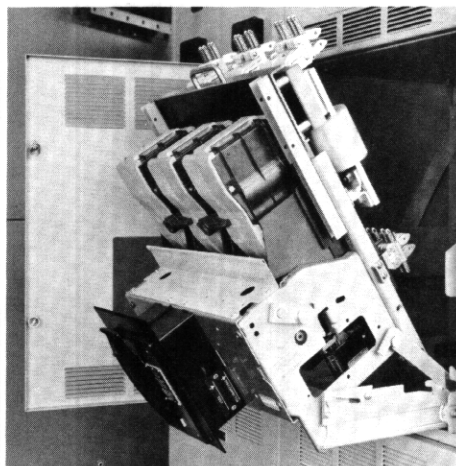
K-Don switchgear incorporates the same basic features as standard K-Line switchgear. It is compact and designed for easy up-keep and safe operation.

A complete safety interlocked drawout system allows the breaker to be moved from connected to test to disconnected positions without ever opening the compartment door. No movement is possible however, unless breaker is open.

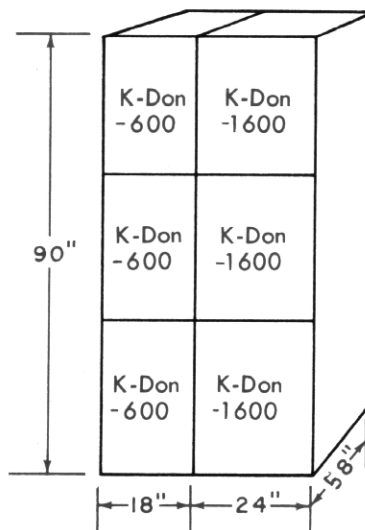
The rear bus compartment is also readily accessible. The bus is placed close to the front of the switchboard to allow plenty of room for cables and cable makeup. All bus and terminal connections are heavily silver-plated for maximum conductivity. Terminal blocks for secondary control circuits are located within easy reach and at a safe distance from the main bus.

SURE SAFETY WITH COMPLETE ACCESSIBILITY

The current limiting fuses are inaccessible until the breaker is completely withdrawn from the compartment. Interlocking prevents movement unless the circuit breaker is open. This positive safety feature prevents any contact with the fuses unless the circuit is open and breaker and fuse are completely isolated. As an optional feature at this withdrawn position the breaker can be easily tilted and held forward for more complete fuse accessibility.

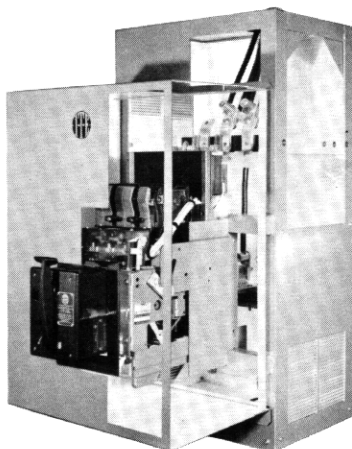


TYPICAL DIMENSIONS



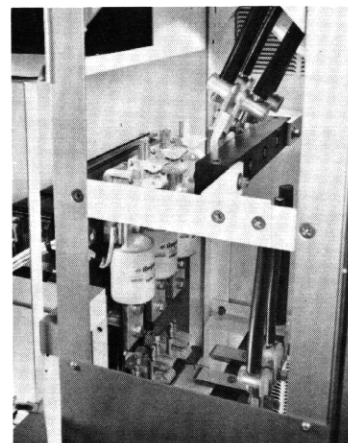
Refer to Bulletin No. 3200-1A for complete information on I-T-E K-Line low voltage switchgear.

OR INDIVIDUAL URELITE® ENCLOSURES



- Drawout Construction
- Visible Break Disconnect Contacts
- Larger, more Accessible Cable Box

Advanced I-T-E K-Don Urelites incorporate many important safety features and conveniences never before available in this class of equipment. Visible break is accomplished by windows in the sides of the enclosure which give the maintenance man a direct view of the disconnect contacts. This enables him to see if the disconnect contacts are engaged or disconnected. Circuit isolation is safe and simple through use of a drawout breaker. And for added safety, the breaker can be moved from connected to disconnected positions without ever removing the cover.



RESTRICTION-FREE CABLE BOX SPEEDS INSTALLATION—IS WIDER, DEEPER AND HIGHER

Completely unrestricted space within the cable box—for pulling and connecting extra-large conductors—can be obtained, when required, by simply removing the breaker rails and stationary disconnect assembly.

HOW I-T-E URELITE SIMPLIFIES AND SPEEDS INSTALLATION:

- 1 Cables can be installed from top or bottom of enclosure.
- 2 Cable box accommodates one-size-larger cables than standard.
- 3 Universal lugs on the stationary contacts permit connection with any standard cable.

Refer to Bulletin No. 4261-2B for complete information on I-T-E Urelite enclosures.

