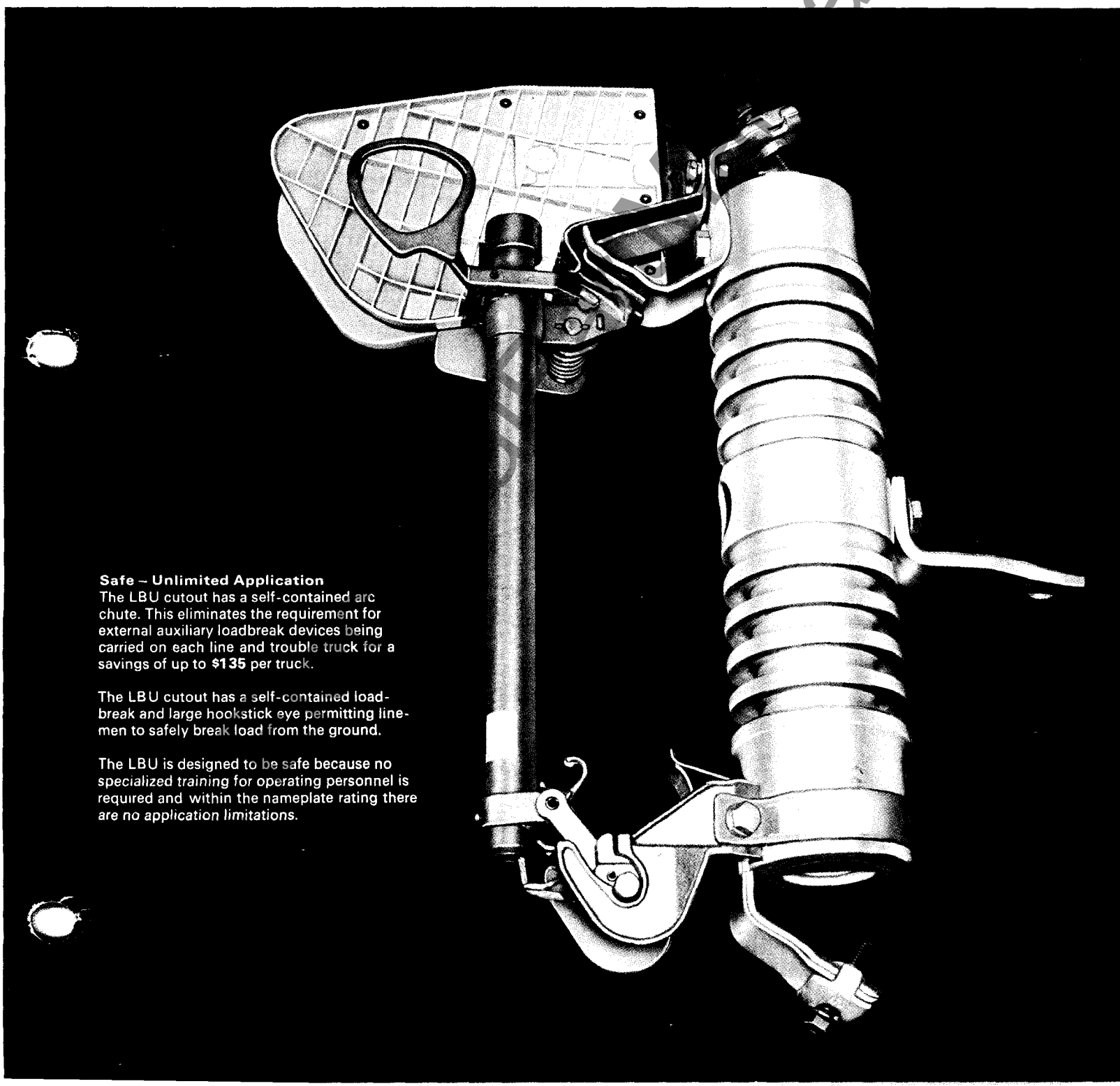
Westinghouse Electric Corporation
Distribution Apparatus Division
Bloomington, Indiana
47401

38-621 D WE A
Descriptive Bulletin

January, 1974
Supersedes DB 38-621,
Pages 1-2, dated
February , 1970
E, D, C/1991/DB

Type LBU
7.8/13.8, 15, 14.4/24.9 Kv and 20/34.5 Kv
50, 100 and 200 Amp
Interrupting Capacity Up to 20,000 Amps

Loadbreak Open Fuse Cutouts



Safe – Unlimited Application
The LBU cutout has a self-contained arc chute. This eliminates the requirement for external auxiliary loadbreak devices being carried on each line and trouble truck for a savings of up to **$135** per truck.

The LBU cutout has a self-contained loadbreak and large hookstick eye permitting linemen to safely break load from the ground.

The LBU is designed to be safe because no specialized training for operating personnel is required and within the nameplate rating there are no application limitations.

Applications

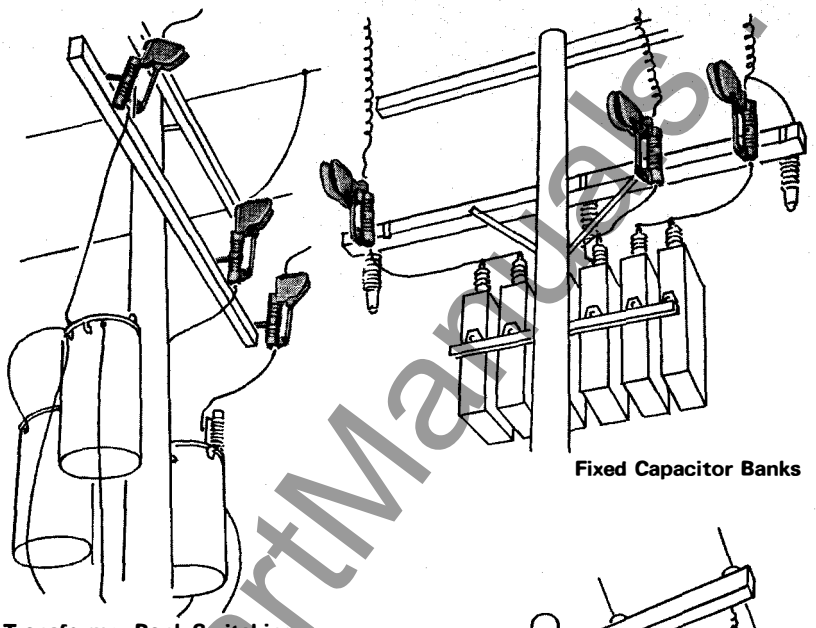
Capacitor bank protection. "Fixed or switched." The LBU provides the only safe visible indication that pole, pad-mounted and sub-surface capacitor equipment is energized or de-energized.

Transformer bank switching: No pitting of contacts when breaking magnetizing currents in transformer banks of all sizes, single and three phase. The LBU also provides switching under load

Sectionalizing: Single and three phase, looped or lateral lines during maintenance or under contingency conditions.

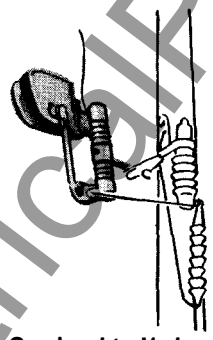
Transition pole: The LBU is the only safe way to switch the capacitive currents associated with underground feeder cables at the transition pole

Future Information: PL 38-620
PL 38-630
DB 38-631

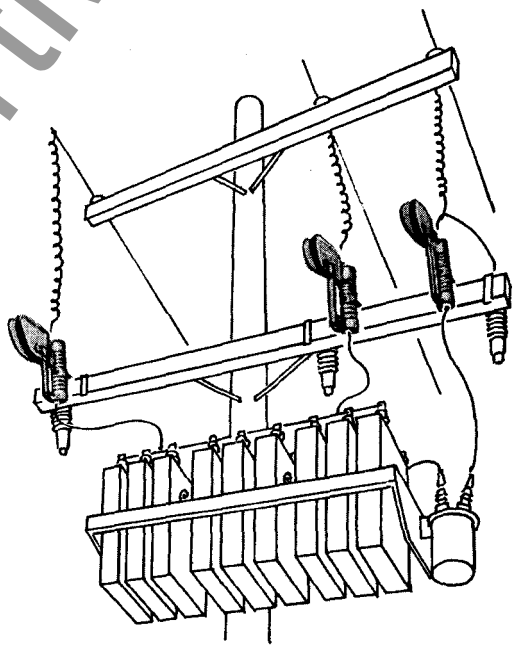


Fixed Capacitor Banks

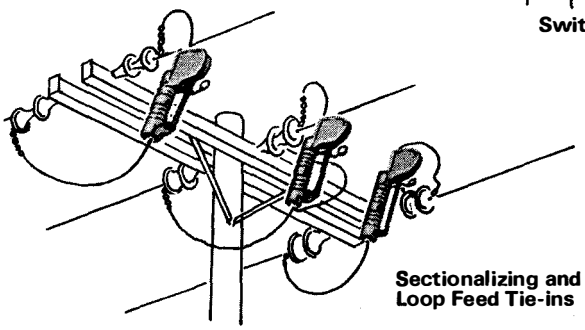
Transformer Bank Switching



Overhead to Underground Transition Pole



Switched Capacitor Banks



Sectionalizing and Loop Feed Tie-ins

Westinghouse Electric Corporation
Distribution Apparatus Division
Bloomington, Indiana
47401

Westinghouse

Loadbreak Open Fuse Cutouts

Type LBU

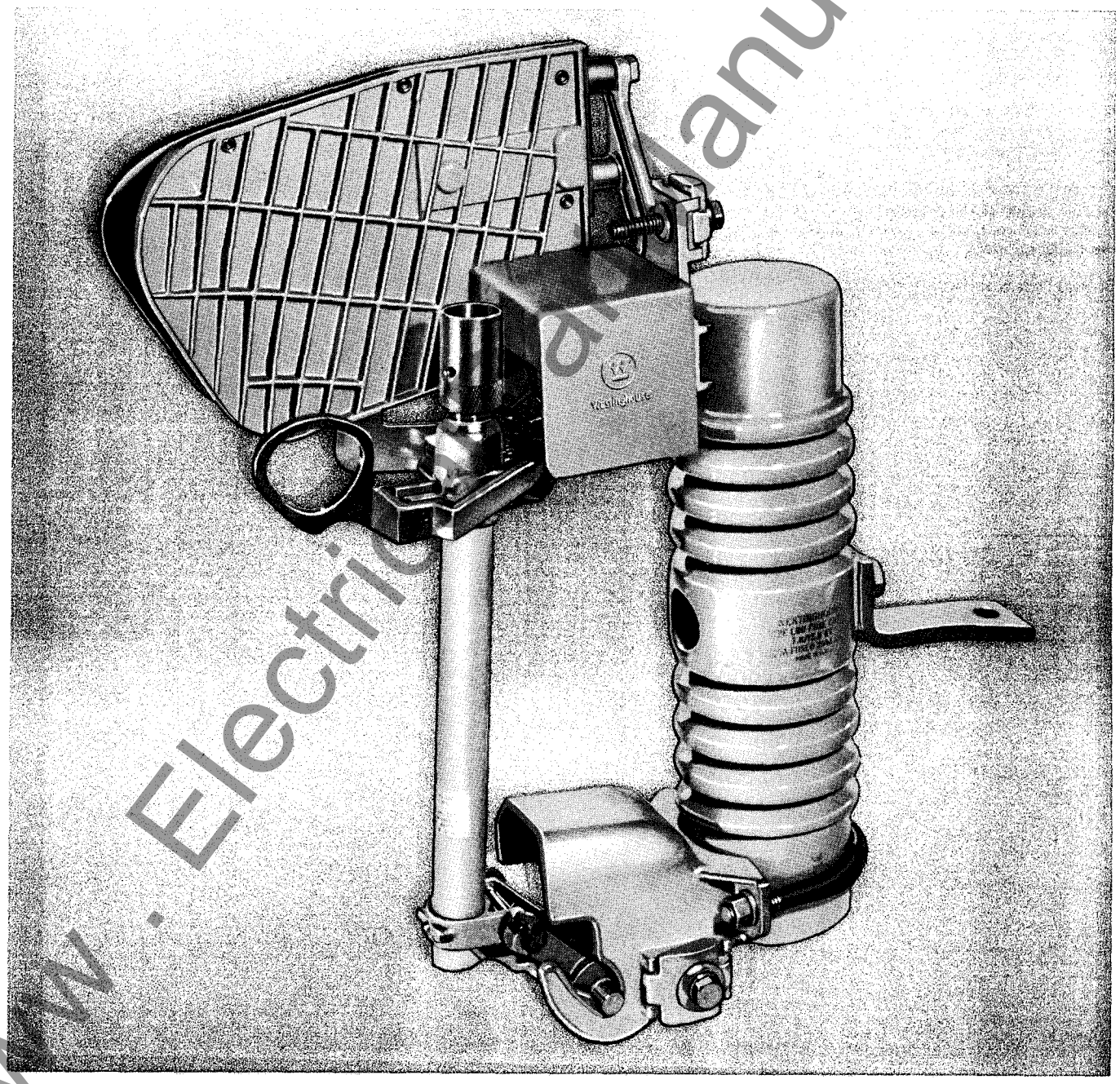
7.8/13.8, 15, 14.4/24.9 Kv and 20/34.5 Kv
50, 100 and 200 Amps
Interrupting Capacity Up to 20,000 Amps

Safe-Unlimited Application

The LBU cutout has self-contained loadbreak ability by virtue of the Delrin arc chute. The loadbreak mechanism is always in the circuit whether opening or closing. This allows permanent visible loadbreak ability and eliminates danger incurred when the operator makes an error opening the non-load-break cutout under load.

The LBU is opened under load from the ground with an ordinary hookstick. This adds additional safety by eliminating climbing poles or use of a bucket truck. The operator is always a hookstick length away from the energized line.

The LBU is safe because no specialized training for operating personnel is required. It is also safe because within nameplate rating there are no application limitations.



February 27, 1970
Supersedes DB 38-620, pages 1-8, dated November, 1964.
E. D. C/1991/DB

Loadbreak
Open Fuse Cutout
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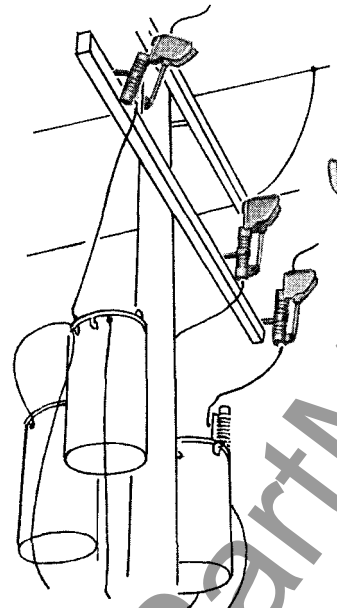
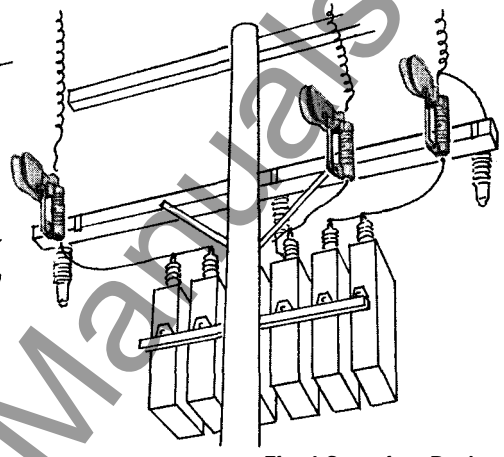
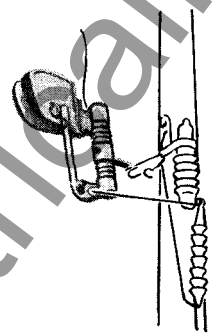
Future Information: PL 38-620



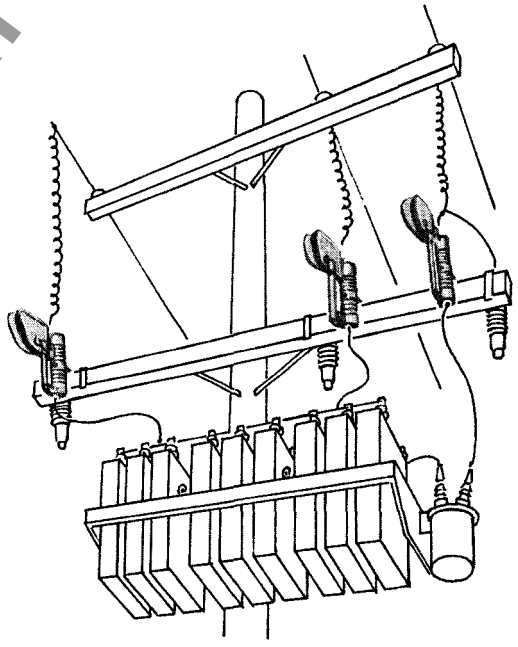
Transformer Bank Switching



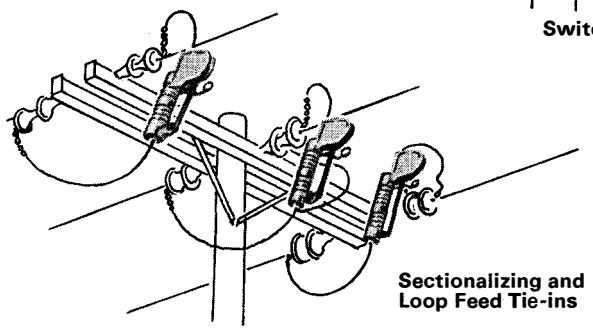
Fixed Capacitor Banks



Overhead to Underground
Transition Pole



Switched Capacitor Banks



Sectionalizing and
Loop Feed Tie-ins

Westinghouse Electric Corporation
Distribution Apparatus Division, Bloomington, Indiana 47401
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