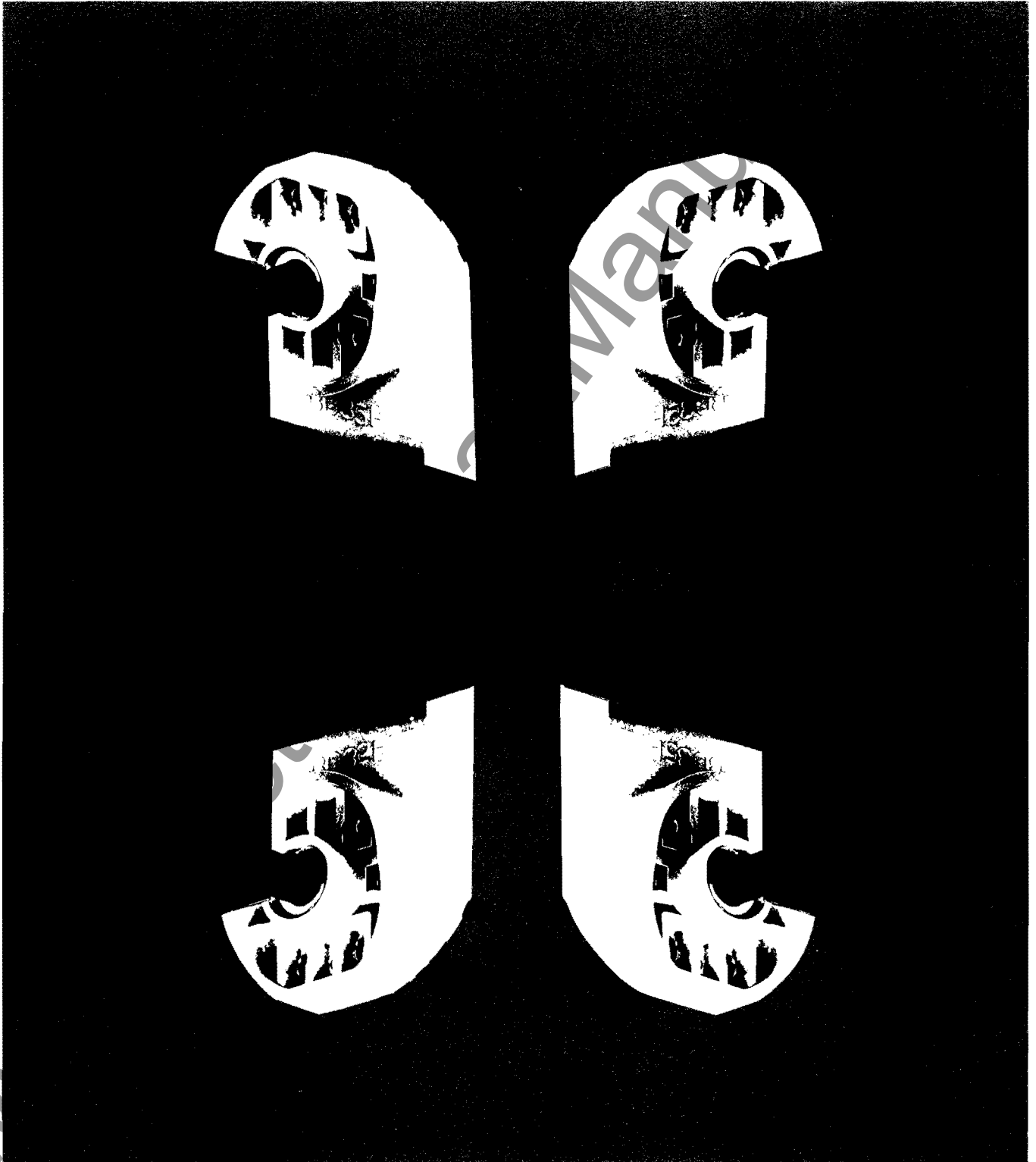


Westinghouse



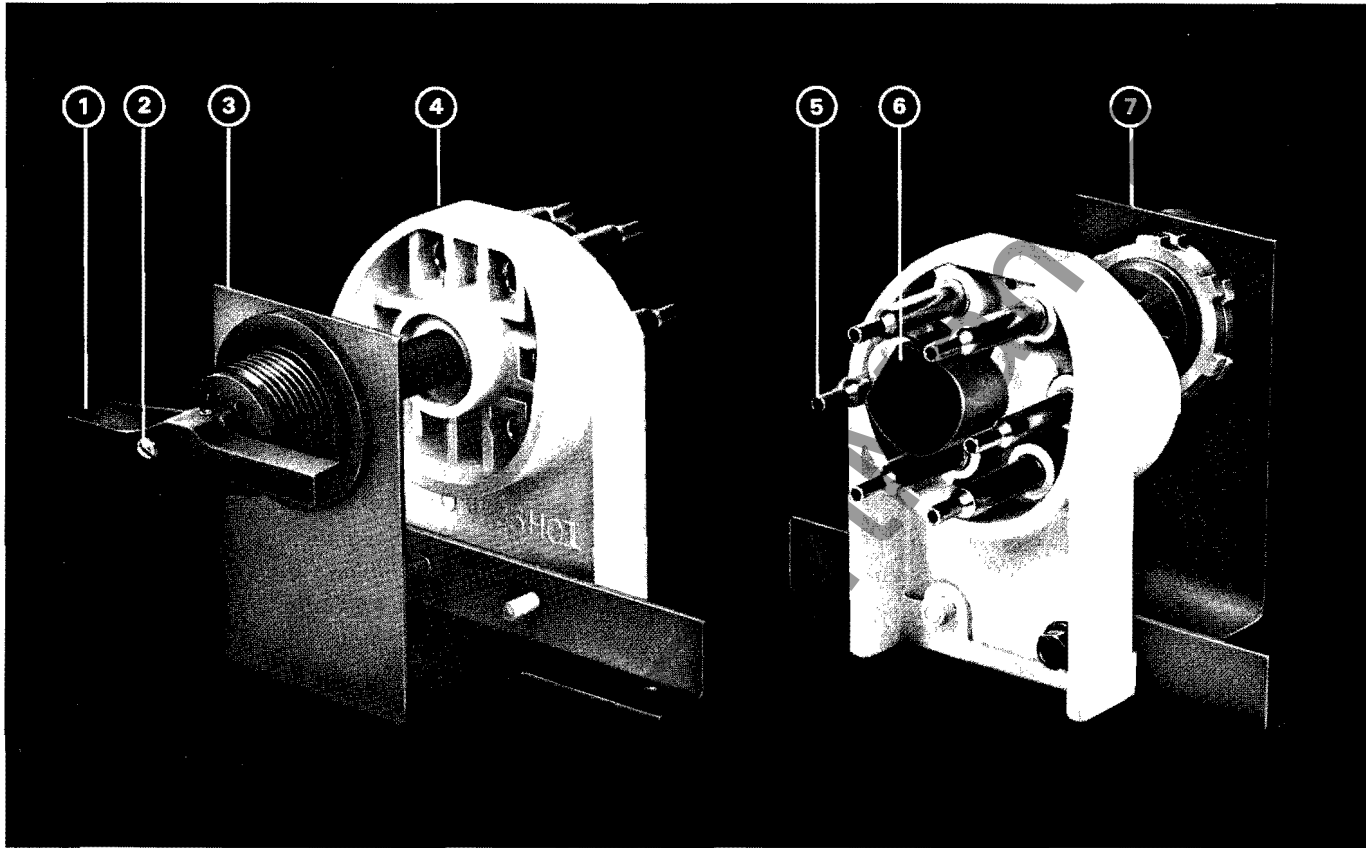
Tap Changer

125 Kv Bil (18 Kv class)



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Description

The Westinghouse External Tap Changer is a single phase, 5 position, no load tap changer for pole and pad mounted distribution transformers. The taps are changed from outside the transformer resulting in saving downtime for electrical utilities. It is available on Westinghouse transformers and to other transformer manufacturers.

Operation

The tap changer is easily operated by turning the external handle to the desired setting indicated by large decals mounted on the transformer tank. There are positive stops in the first and fifth positions. The switch locks into any position by means of a screw in the handle.

Features

- 1 Weather Resistant Handle
- 2 Locking Screw
- 3 Steel Frame
- 4 Molded Glass Polyester Base

- 5 Copper Studs
- 6 Roller Type Contact Under Spring Tension
- 7 High Temperature Fluorosilicon Rubber Seal

Advantages

Inventory can be reduced, for example 13.2 volt transformer can be used for a 14.4, etc., by simply turning the external handle to the desired setting. Dollar savings for the utility companies result, since the only time required for a lineman to change tap position is the short time necessary to de-energize the transformer, change the switch, and then energize the transformer. This is a significant time savings compared to that previously required to remove the transformer cover and change the tap positions.

Electrical Characteristics

Voltage Class: 18 KV
 BIL Rating: 125 KV
 Continuous Current Rating: 90 amperes maximum
 Short Circuit Rating: 1800 amperes for 2 seconds



Connections

Leads are brought up from the coil through the studs and crimped, then the excess leads are cut off. The studs are available in .125 ID and .250 ID.

Outline Drawing 682B320