



INSTRUCTIONS

ELECTRICAL INTERLOCK MAG BREAK* DISCONNECT OR SELECTOR SWITCHES (INTERLOCK LOCKED WHEN DEENERGIZED)

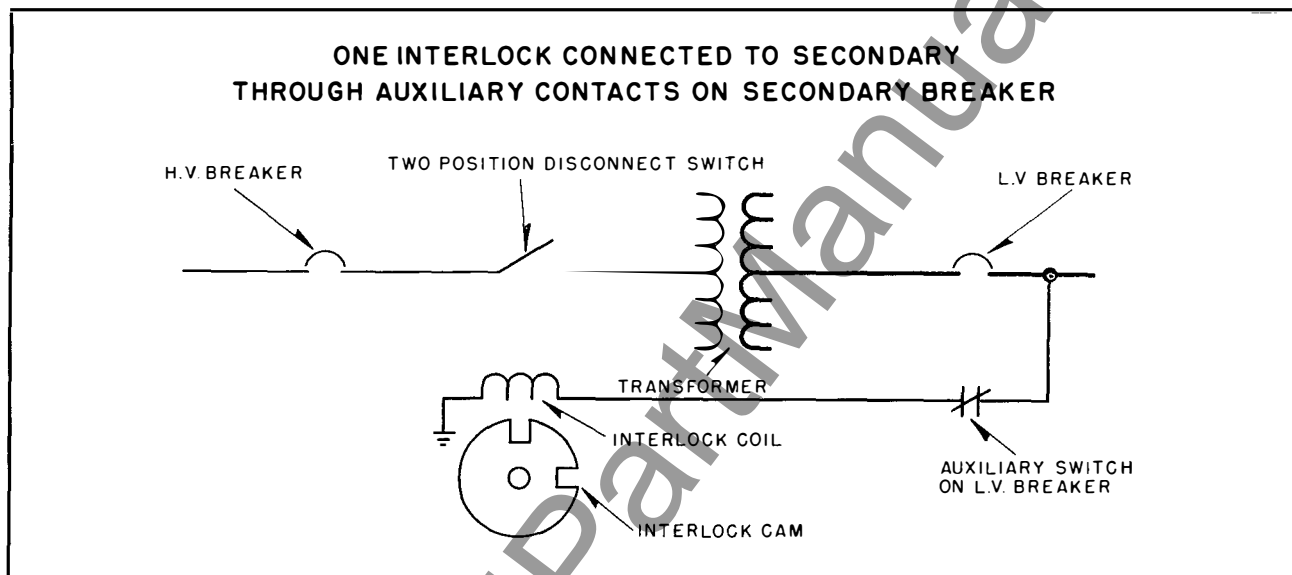


FIG. 1. Use of Interlock with Two-Position, Mag Break* Disconnect Switch.

The interlocking system used on mag break switches uses one interlock. This interlock prevents movement of the switch from "closed" to "open" position for Fig. 1 and from either of the two "closed" positions to "open" for Fig. 2 when load is on the transformer. The secondary breaker must be opened to energize the interlock as the interlock is arranged

to lock when voltage is removed from the coil. Therefore a source of voltage independent of the transformer is required. This may be the secondary grid or a separate supply such as the A-C or D-C supply in switchgear. Voltage required for the interlock coil will be shown on the diagram instruction plate furnished with the transformer.

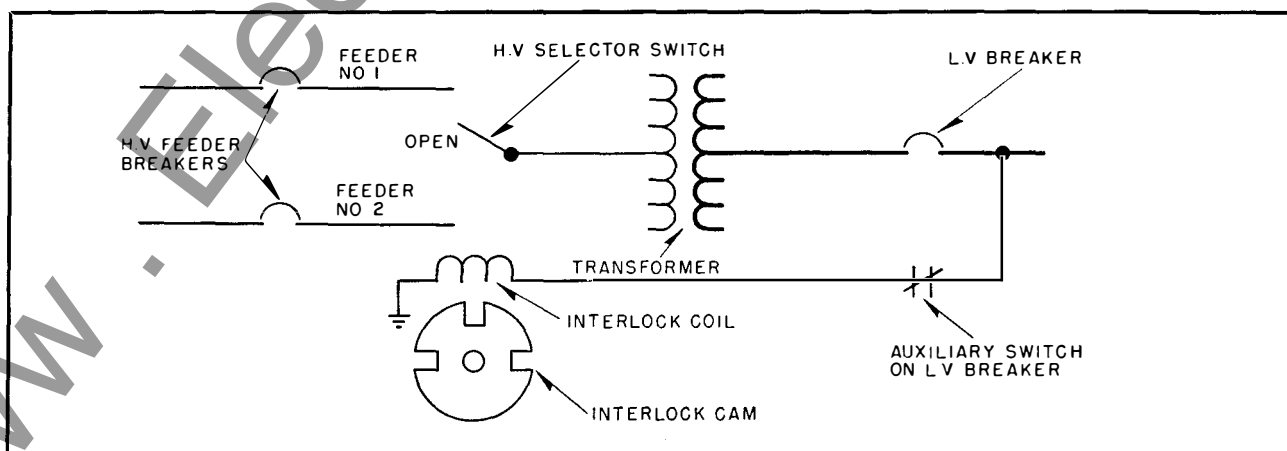


FIG. 2. Use of Interlock with Three-Position, Mag Break* Selector Switch.

ELECTRICAL INTERLOCK

The schematic diagram shows the interlock coil with one lead grounded and one lead brought out for connection to the auxiliary switch. In some cases both leads may be brought out through the junction box. In this case one lead is connected directly to the secondary and the other is connected through the auxiliary switch.

This system requires an auxiliary contact on the secondary breaker which is arranged to close when the breaker is open.

The feeder selector switch uses one interlock to prevent movement of the switch from either of the two "closed" positions to "open" position when load is on the transformer. The secondary breaker must be opened to energize the interlock as the interlock is arranged to lock when voltage is removed from the coil. Therefore a source of voltage

independent of the transformer is required. This may be the secondary grid or a separate supply such as the A-C or D-C supply in switchgear. Voltage required for the interlock coil will be shown on the diagram instruction plate furnished with the transformer.

The schematic diagram shows the interlock coil with one lead grounded and one lead brought out for connection to the auxiliary switch. In some cases both leads may be brought out through the junction box. In this case one lead is connected directly to the source and the other is connected through the auxiliary switch.

This system requires an auxiliary contact on the secondary breaker which is arranged to close when the breaker is open.



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