



GROUND DIRECTIONAL OVERCURRENT RELAYS

Types JBCG61K and JBCG63K

POWER SYSTEMS MANAGEMENT DEPARTMENT

GENERAL  ELECTRIC

PHILADELPHIA, PA.

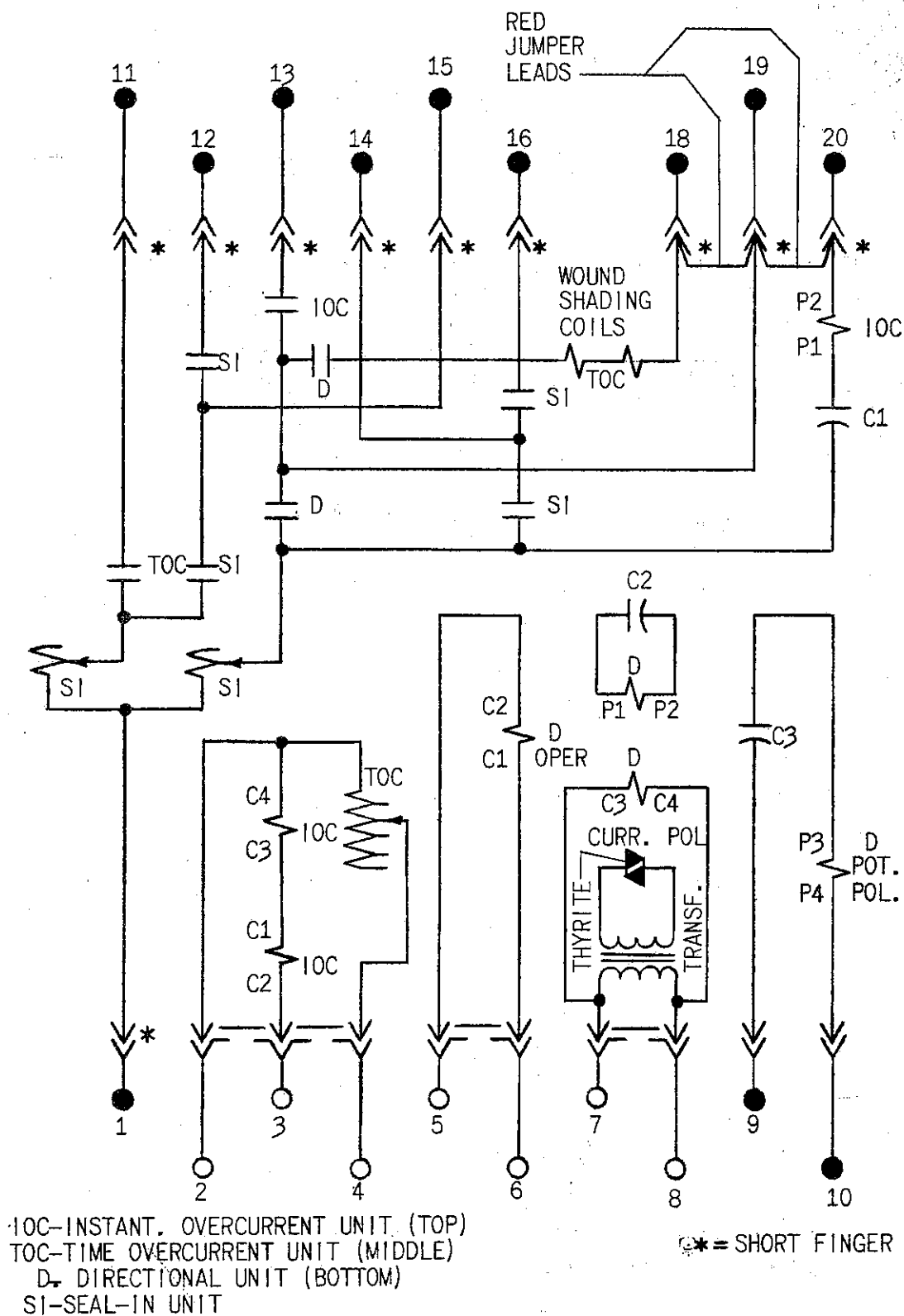


Fig. 1 (0127A9469-0) Internal Connection Diagram of JBCG61K & JBCG63K Relay (Front View)

GROUND DIRECTIONAL OVERCURRENT RELAY

JBCG61K AND JBCG63K

These instructions are a supplement to instruction book GEI-98345 which is included in this book. The combination of the two books form instructions for the JBCG61K and JBCG63K relays.

These relays were designed primarily for use in the three basic transferred tripping schemes employed for high-speed protection of transmission lines.

The JBCG61K and the JBCG63K relays are similar respectively to the JBCG51K and the JBCG53K relays described in the included instructions. The JBCG61K and the JBCG63K relays differ only in the arrangement of the seal-in unit contacts and in the location of the directional unit contacts. Both contacts of the seal-in unit are connected to separate relay terminals, and the directional unit is arranged so that it can be used independently.

The internal connection diagram of these relays is shown in Fig. 1 of this supplement. The outline and panel drilling diagram for both relays is shown in Fig. 23 of the included instruction book.

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