INSTRUCTIONS

TRANSFORMER DIFFERENTIAL RELAY

WITH PERCENTAGE AND HARMONIC

RESTRAINT

TYPE STD17C

INTRODUCTION

These instructions are a supplement to instruction book GEK-45307, which is included in this book. The combination of the two forms the instructions for the STD17C relay.

DESCRIPTION

The Type STD17C relay is similar to the STD16C except the former has four through-current restraint windings and is mounted in the L2 (large, double-ended) case.

SERVICING

CAUTION

Remove ALL power from the relay before removing or inserting any of the printed-circuit boards. Failure to observe this caution may result in damage to and/or misoperation of the relay.

Figure 1 shows the internal connections diagram for the STD17C relay.

Figure 2 shows the typical external wiring diagram for the STD17C relay.

Figure 3 shows the test circuit for the STD17C relay.

Figure 4 shows the outline and panel drilling for the STD17C L2 relay.

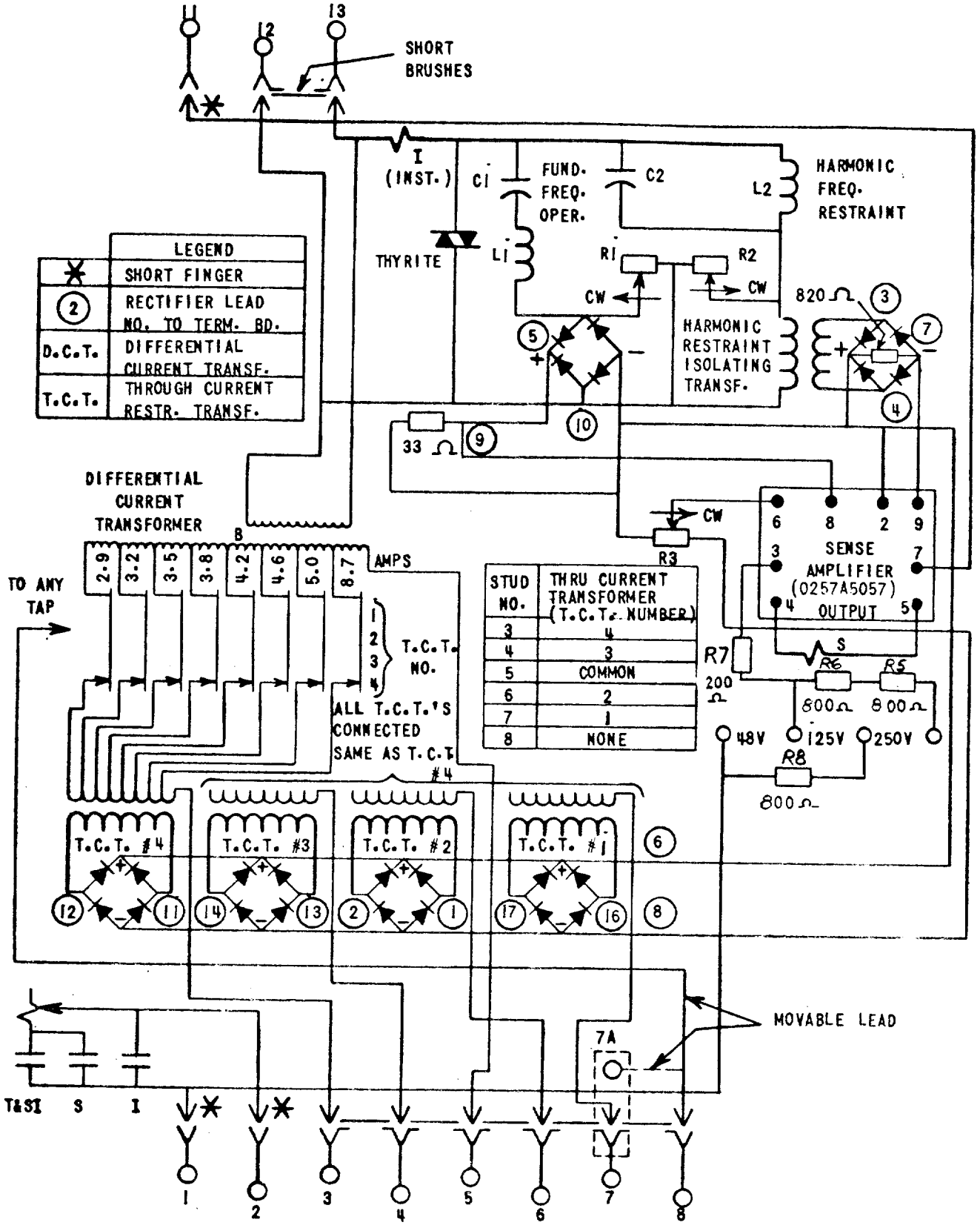


*Figure 1 (0257A5028 [2]) Internal Connections Diagram for the STD17C Relay (Front View)

* Revised since last issue

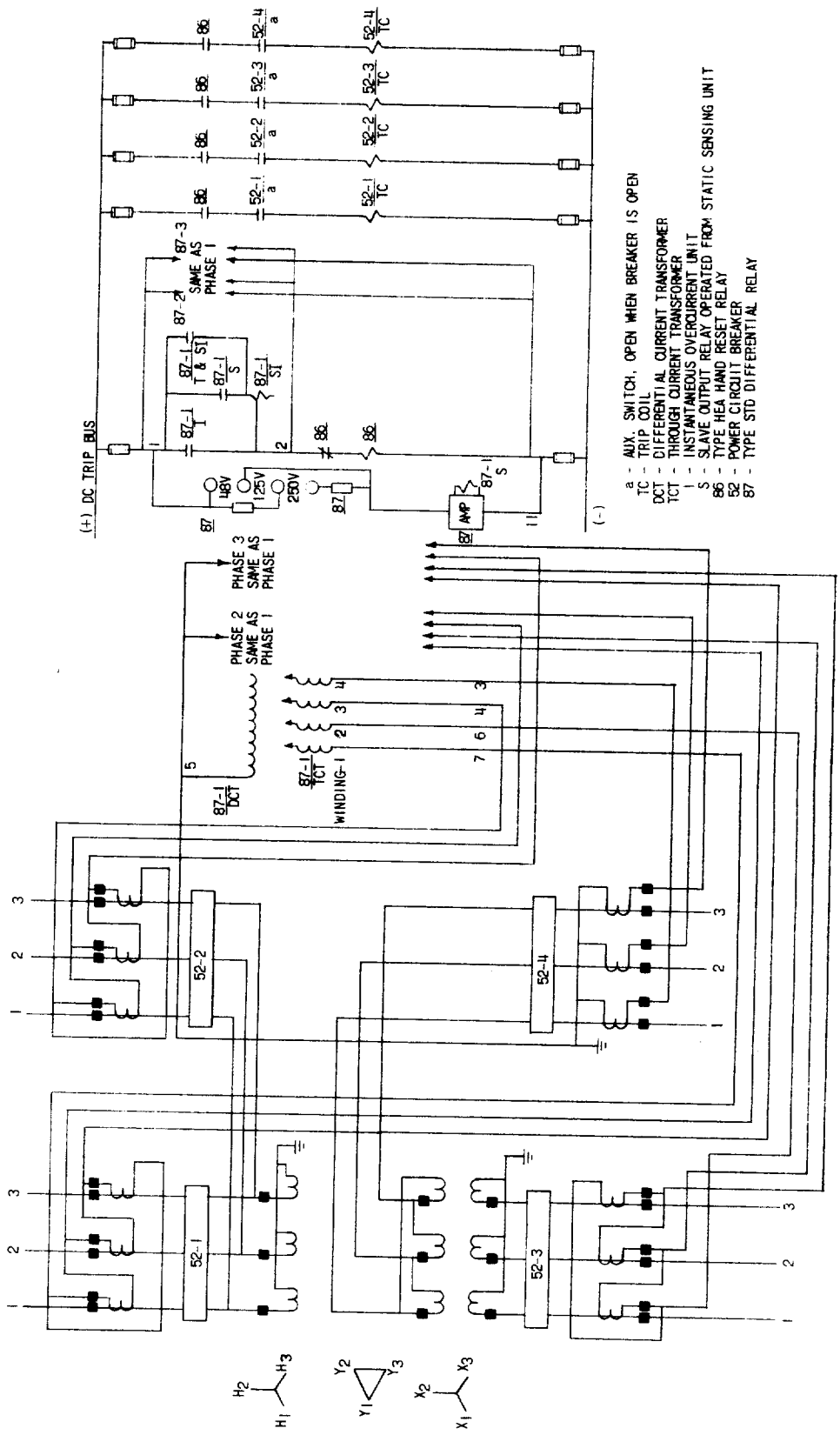
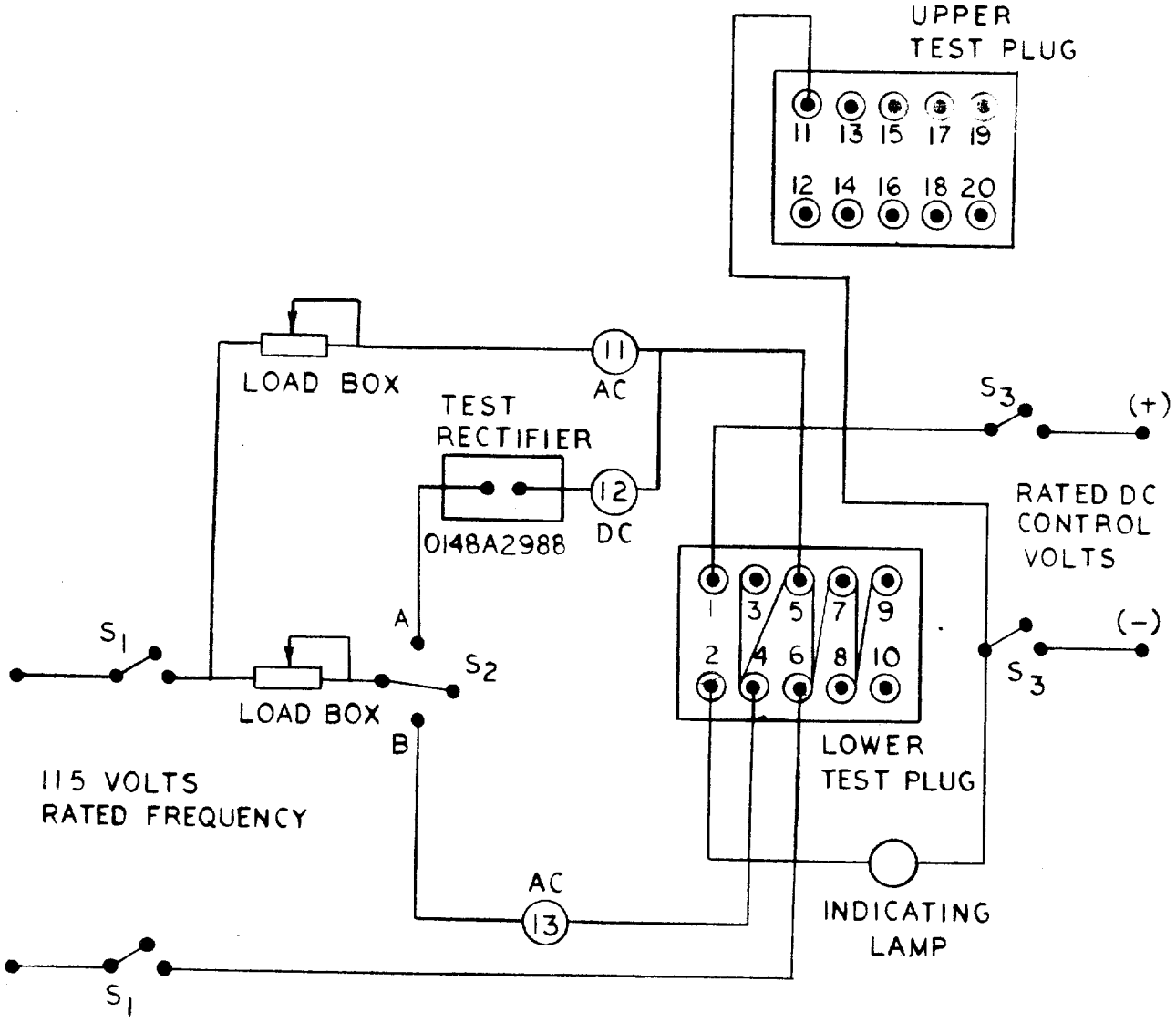


Figure 2 (0165B2441) External Connections Diagram for the STD17C Relay



TEST CIRCUIT FOR STD17C OR STD18C RELAYS

Figure 3 (0257A5054 Sh 2) Test Connections Diagram for the STD17C Relay

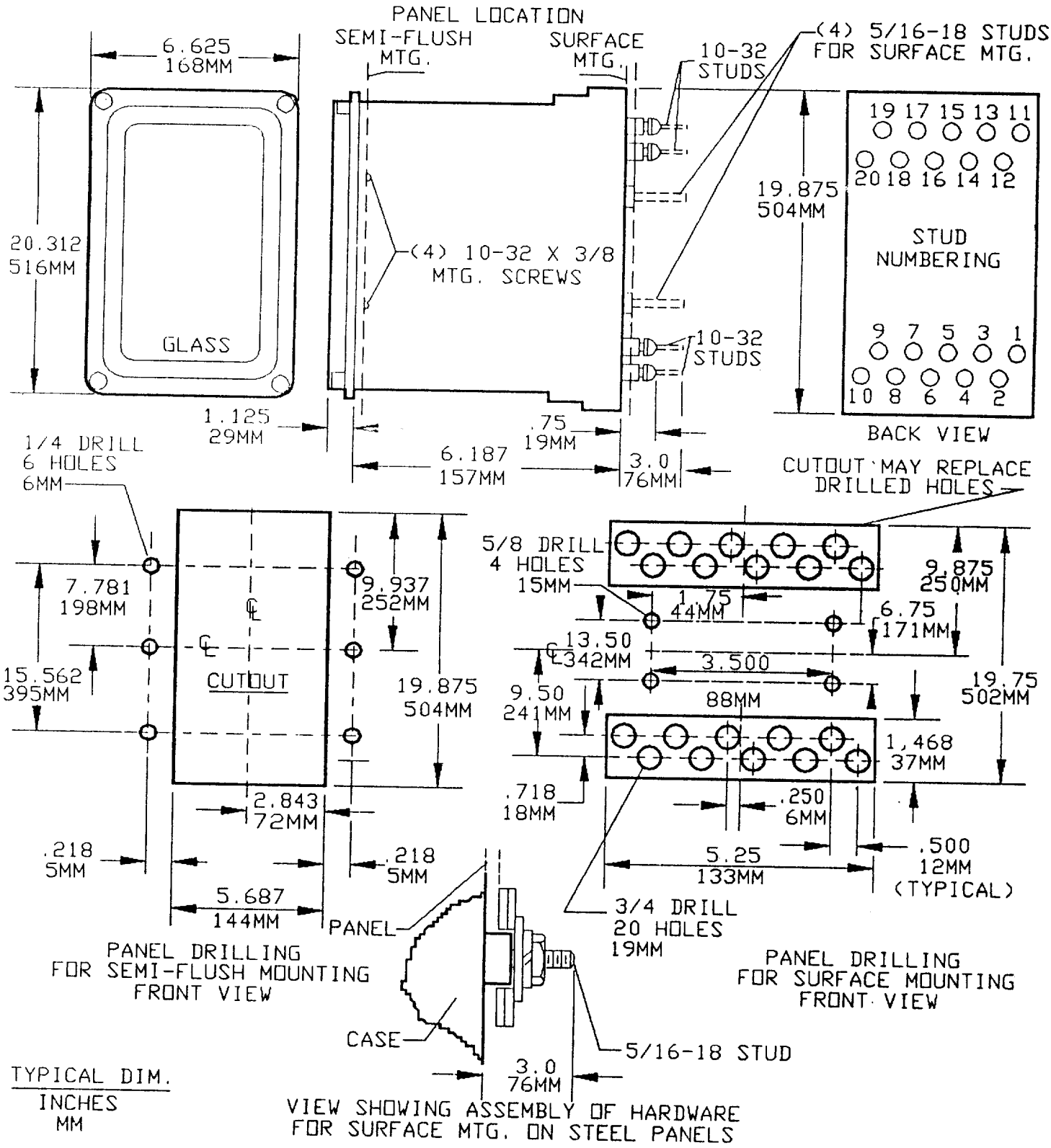


*Figure 4 (K-6209276 [4]) Outline and Panel Drilling Dimensions for the STD17C Relay

* Revised since last issue

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