D.C. TIMING RELAY
TYPE SAM
MODEL SAM99AB(-)A

INTRODUCTION

This supplement plus GEK-45457 form the instructions for special relay model SAM99AB(-)A.

DESCRIPTION

Relay model SAM99AB(-)A is similar to model SAM11A forms 21 and up except it contains 4 additional TU normally open contacts. This necessitates the use of an S-2 case to bring out the additional contacts.

Figure 1 of this supplement is the Internal Connections Diagram for this relay.

Figure 2 of this supplement is the outline and Panel Drilling Diagram for this relay.

These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to the General Electric Company.

To the extent required the products described herein meet applicable ANSI, IEEE and NEMA standards; but no such assurance is given with respect to local codes and ordinances because they vary greatly.
FIGURE 1 (0257A9616) INTERNAL CONNECTIONS DIAGRAM FOR THE TYPE SAM99AB(-)A RELAY

<table>
<thead>
<tr>
<th>MODEL</th>
<th>FORM</th>
<th>VOLTS D.C.</th>
<th>RESISTANCE IN OHMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAM99AB(-)A</td>
<td>001</td>
<td>48/125/250</td>
<td>TU COIL 650 650</td>
</tr>
<tr>
<td></td>
<td>002</td>
<td>48/125/250</td>
<td>R1 0.75 MEG 1.5 MEG</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>R2 500 500</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>R3 1200 1200</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>R4 2000 2000</td>
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OUTLINE

CUTOUTS MAY REPLACE DRILLED HOLES

VIEW SHOWING ASSEMBLY OF HARDWARE FOR SURFACE MTG. ON STEEL PANELS
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