<table>
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<tr>
<th>RELAY DESCRIPTION</th>
<th>BASE TYPE</th>
<th>CONTACT CONFIGURATION</th>
<th>ISP</th>
<th>OLD SPEC</th>
<th>SPMTR</th>
<th>CAL SPCC</th>
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<td>RELAY, 2-OMN BASED NEUTRAL TRACK</td>
<td>BT 1</td>
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**VITAL PLUG-IN RELAYS**

- D.C. BASED NEUTRAL RELAY
- D.C. NEUTRAL RELAY
- D.C. BASED NEUTRAL RELAY-CLOSED IN PARALLEL

**RELAY RESISTANCE OR TYPE TO BE SHOWN IN BOX**

- NUMBER OF FRONT & BACK CONTACTS OR RELAY TYPE TO BE SHOWN ON THE DRAWING

**RELAY CONTACTS – TWO POSITION RELAYS**

- FRONT CONTACT—RELAY NORMALLY ENERGIZED
- FRONT CONTACT—RELAY NORMALLY DE-ENERGIZED
- BACK CONTACT—RELAY NORMALLY ENERGIZED
- BACK CONTACT—RELAY NORMALLY DE-ENERGIZED
- FRONT AND BACK CONTACT—RELAY NORMALLY ENERGIZED
- FRONT AND BACK CONTACT—RELAY NORMALLY DE-ENERGIZED

**RELAY CONTACTS – THREE POSITION RELAYS**

- D.C. POLAR RELAY CONTACT—RELAY NORMAL
- D.C. POLAR RELAY CONTACT—RELAY REVERSE

**TYPICAL CIRCUIT**

- N
- EXH
- EXH
- g
- EXH

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**PENINSULA CORRIDOR JOINT POWERS BOARD**

**STANDARD DRAWINGS**

**GENERAL SYMBOLS, RELAY CONTACTS SHELF AND VITAL RELAYS**

**Caltrain**

**Appointed by**

**General Inspector**

**Director of Operations**

**Subject to Revision**

**Revised** 08-2018