#### 1. GENERAL DATA AND INFORMATION:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Circuit Ref. |  |  | Designation |  |
| Panel No. |  |  | Serial No. |  |
| Make | REYROLLE |  | Model No. | EPTR131S550605 |
| Dwg & Sh No. |  |  | Aux. Voltage | 125 Vdc |
| Flag Type | ELECTRICAL RESET |  | No. of Contacts | 5 N/C + 5 N/O |

#### 2. MECHANICAL CHECKS AND VISUAL INSPECTION:

|  |  |  |
| --- | --- | --- |
| ITEM | DESCRIPTION | CHECKED |
| 1 | Inspect for any physical damage or defects. |  |
| 2 | Verify nameplate information for correctness |  |
| 3 | Check tightness of all bolted connections. |  |
| 4 | Check all grounding connections are securely fix |  |
| 5 | Verify connections as per approved drawing |  |
| 6 | Check reset operation |  |
| 7 | Check serial no. of relay matching with serial no. of case |  |

**3. FUNCTIONAL TEST:**

|  |  |  |
| --- | --- | --- |
| ITEM | DESCRIPTION | CHECKED |
| 1 | All contact checked |  |
| 2 | All output contacts resistance checked |  |
| 3 | Flag Operation Checked |  |

#### 4. ELECTRICAL TESTS:

**4.1 PICK UP TEST:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **COIL** | **Relay Terminals** | **Voltage (V)** | **Current (mA)** | **Cut-off**  **Contacts** |
| Operate Coil Pick up |  |  |  |  |
| Reset Coil  Pick up |  |  |  |  |

**Operating Range : 50 – 120% Ur , Resetting Range : 50 – 120% Ur**

**4.2 TIMING TEST:**

|  |  |  |  |
| --- | --- | --- | --- |
| **COIL** | **Contacts Number** | **Actual Operating**  **Time (ms)** | **Expected Operating**  **Time (ms)** |
| Operate Coil |  |  |  |
| Reset Coil |  |  |  |

**Operating Time < 10 ms**

**4.3 RELAY BURDEN AT RATED VOLTAGE:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Coil** | **Voltage (V)** | **Current (mA)** | **Expected Operating**  **Time (ms)** |
| Operate Coil |  |  |  |
| Reset Coil |  |  |  |

**Operating Burden : 47 W , Resetting Burden : 50 W**