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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. GENERAL DATA AND INFORMATION:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Circuit Ref. |  |  | Designation |  |
| Panel No. | **DCDB#** | Diagram no: |  |
| Relay Type | Self-Reset | Model No. | RXM4AB2GD |
| Make |  | Aux. Voltage | 125 VDC |
| No. of Contacts | 4 C/O |

2. MECHANICAL CHECKS AND VISUAL INSPECTION:

|  |  |  |
| --- | --- | --- |
| ITEM | DESCRIPTION | CHECKED |
| 1 | Inspect for any physical damage or defects. |  |
| 2 | Verify connections as per approved drawing |  |

3. ELECTRICAL TESTS:3.1 PICKUP / DROP OFF TEST:

|  |  |  |
| --- | --- | --- |
| Coil Ref. | Voltage (V) | Current (mA) |
| Pick up | Drop off | Pick up | Drop off |
| 13(A1) – 14(A2) |  |  |  |  |

 **DROP OFF VOLTAGE THRESHOLD : >= 0.1 Uc** 3.2 TIMING TEST:

|  |  |  |
| --- | --- | --- |
| Contacts No. | Actual Time (msec) | Expected Time (msec) |
| Pick up | Drop off | Pick up | Drop off |
| 11 - 12 |  |  | 20 ms | 20 ms |

3.3 RELAY BURDEN AT RATED VOLTAGE:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Coil | Voltage (V) | Current (mA) | Burden (W) | Burden Limits |
| Operate coil | 125 |  |  | 1.1 W |

4. FUNCTIONAL TEST:

|  |  |  |
| --- | --- | --- |
| ITEM | DESCRIPTION | CHECKED |
| 1 | All output contacts resistance measured. |  |
| 2 | Flag operation checked. |  |
| 3 | Indication checked. |  |

  |