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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. |  | |