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| GENERAL DATA AND INFORMATION:  |  |  |  |  |  | | --- | --- | --- | --- | --- | | Bay No. |  |  | Designation No. |  | | Bay Name |  |  | Serial No. |  | | Make |  |  | Model No. | **RM4-TR32** | |  |  |  | No. of contacts | 2 C/O |  MECHANICAL CHECKS AND VISUAL INSPECTION:  |  |  |  | | --- | --- | --- | | ITEM | DESCRIPTION | CHECKED | | 1 | Inspect for any physical damage or defects. |  | | 2 | Check tightness of all bolted connections. |  | | 3 | Check Label name |  | | 4 | Check apparatus list |  |  ELECTRICAL TESTS:FUNCTION TEST:  |  |  |  | | --- | --- | --- | | ITEM | DESCRIPTION | CHECKED | | 1 | All contact checked |  | | 2 | All output contacts resistance checked |  |  UNDER VOLTAGE PICKUP / DROP OFF TEST:  |  |  |  |  | | --- | --- | --- | --- | | **U/V SETTING (V)** | **PICK UP VOLTAGE (V)** | **DROP OFF VOLTAGE (V)** | **REMARKS** | | 300 |  |  |  | | 320 |  |  | Final Setting | | 340 |  |  |  | | 360 |  |  |  |     Acceptance Criteria : ±3 % OVER VOLTAGE PICKUP / DROP OFF TEST:  |  |  |  |  | | --- | --- | --- | --- | | **O/V SETTING (V)** | **PICK UP VOLTAGE (V)** | **DROP OFF VOLTAGE (V)** | **REMARKS** | | 420 |  |  |  | | 440 |  |  | Final Setting | | 480 |  |  |  |   Acceptance Criteria : ±3 %   * 1. **TIMING TEST**  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **UNDER VOLTAGE** | | | **OVER VOLTAGE** | | | | **Time(s) for**  **PICK UP** | **PICK UP**  **TIME(s)** | **REMARKS** | **Time(s) for**  **PICK UP** | **PICK UP**  **TIME(s)** | **REMARKS** | | 1 |  |  | 1 |  |  | | 3 |  | Final Setting | 3 |  | Final Setting | | 7 |  |  | 7 |  |  | | 10 |  |  | 10 |  |  |   Acceptance Criteria : ±10 %   1. **FINAL SETTING**  |  |  |  |  | | --- | --- | --- | --- | | **UNDER VOLTAGE** | | **OVER VOLTAGE** | | | **Ph-Ph Voltage** | 400 V | **Ph-Ph Voltage** | 400 V | | **Setting** | 80 % (320V) | **Setting** | 110 % (440V) | | **Time Delay** | 3 sec (DT) | **Time Delay** | 3 sec (DT) | |