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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) |

 |