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| 1. **GENERAL DATA AND INFORMATION:**  |  |  |  |  |  | | --- | --- | --- | --- | --- | | Bay no. |  |  | Serial No. |  | | Bay name |  | Model No. | EPXR350S51130606 | | Make | REYROLLE | Voltage | 125 VDC | | Flag Type | SELF RESET | No. of Contacts | 3 NC + 1 NO |  1. **MECHANICAL CHECKS AND VISUAL INSPECTION:**  |  |  |  | | --- | --- | --- | | ITEM | DESCRIPTION | CHECKED | | 1 | Inspect for any physical damage or defects. |  | | 2 | Check reset operation |  | | 3 | Check serial no. of relay matching with serial no. of case |  |  1. **ELECTRICAL TESTS:**    1. FUNCTION TEST:  |  |  |  | | --- | --- | --- | | ITEM | DESCRIPTION | CHECKED | | 1 | All contact checked |  | | 2 | All output contacts resistance checked |  | | 3 | Flag Operation Checked |  |  * 1. PICK UP/DROP OFF TEST:  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **COIL** | **Relay Terminals** | **PICK UP** | | **DROP OFF** | | **Cut-off**  **Contacts** | | **VOLTAGE**  **(V)** | **CURRENT**  **(mA)** | **VOLTAGE**  **(V)** | **CURRENT**  **(mA)** | | Coil A | 21 – 22 |  |  |  |  |  | | Coil B | 13 – 14 |  |  |  |  |  | | Coil C | 27 – 28 |  |  |  |  |  |   **Operating range : 80 -110 %Vn** ( According to relay catalogue )   * 1. TIMING TEST:  |  |  |  |  | | --- | --- | --- | --- | | **COIL** | **Contacts Number** | **Pick up Time**  **(m sec)** | **Resetting Time**  **(m sec)** | | Coil C |  |  |  |    Limits: Resetting Time: > 400 mSec at Vn to 0 ( According to relay catalogue )  * 1. BURDEN:  |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | **Coil** | **Voltage (V)** | **Current (mA)** | **WATTS (W)** | | CB OPEN | Coil A |  |  |  | | CB CLOSE | Coil B |  |  |  | | ALARM CIRCUIT | Coil C |  |  |  |  Limits: CB Open : 1 W , CB Close : 2 W , Alarm Circuit : 4 W ( According to relay catalogue ) |