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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 ) |