#### 1. GENERAL DATA AND INFORMATION:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Bay No.** |  |  | **Designation** |  |
| **Bay Name** |  |  | **Order No.** | 1MRK 000 863 - AN |
| **MAKER** | **ABB** |  | **Aux. Voltage** | 110 - 125 VDC |
| **Flag Type** | Self Reset |  | **No. of Contacts** | 6 NO |

#### 2. MECHANICAL CHECKS AND VISUAL INSPECTION:

|  |  |  |
| --- | --- | --- |
| ITEM | DESCRIPTION | CHECKED |
| 1 | Inspect for any physical damage or defects. |  |
| 2 | Check apparatus lists |  |
| 3 | Check tightness of all connections. |  |

#### 3. ELECTRICAL TESTS:

###### A. FUNCTION TEST:

|  |  |  |
| --- | --- | --- |
| ITEM | DESCRIPTION | CHECKED |
| 1 | All contact checked |  |
| 2 | All output contacts resistance checked |  |

###### B. PICKUP / DROP OFF VOLTAGE TEST:

|  |  |  |  |
| --- | --- | --- | --- |
| **Pick Up** | | **Drop Off** | |
| **Volts (V)** | **Current (mA)** | **Volts (V)** | **Current (mA)** |
|  |  |  |  |

Operating Range : < 0.8 Ur DROP OFF: > 0.10 UC

**(Table 1 of Buyer’s Guide 1MRK 508 006)**

###### C. PICKUP / DROP OFF TIMING TEST : (AS RATED VOLTAGE)

|  |  |  |  |
| --- | --- | --- | --- |
| **Pick up (ms)** | **Contact**  **Terminals** | **Drop Off (ms)** | **Contact**  **Terminals** |
|  |  |  |  |

Pick up Time : 8 / 6.5 ms

DROP OFF TIME : 3 / 2.5 ms **(Table 1 of Buyer’s Guide 1MRK 508 006)**

###### D. RELAY BURDEN TEST:

|  |  |  |
| --- | --- | --- |
| **Voltage (V)** | **Current (mA)** | **Relay Burden Watts (W)** |
| 125 |  |  |

Power consumption : (1.5 - 2) VA **(Table 1 of Buyer’s Guide 1MRK 508 006)**