#### 1. GENERAL DATA AND INFORMATION:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Circuit Ref. |  |  | Designation |  |
| Panel No. |  |  | Serial No. |  |
| Make |  |  | Model No. |  |
| Dwg & Sh No. |  |  | Aux. Voltage |  |
| Flag Type |  |  | No. of Contacts |  |

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

|  |  |  |
| --- | --- | --- |
| ITEM | DESCRIPTION | CHECKED |
| 1 | Inspect for any physical damage or defects. |  |
| 2 | Verify connections as per approved drawings. |  |
| 3 | Check that serial no. of relay matching with serial no. of case. |  |

#### 3. ELECTRICAL TESTS:

Test to be done with pilot connection.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr. no. | Description | Measured values | Limits | Remarks |
| 1 | Check AC supervision voltage |  |  |  |
| 2 | Check auxiliary DC voltage |  |  |  |
| 3 | Check pilot supervision DC current( after balancing) |  |  |  |
| 4 | Pilot fail open circuit (green LED)  |  |  |  |
| 5 | Pilot fail open circuit (red LED) – Operating time |  |  |  |
| 6 | Pilot fail short circuit (green LED) |  |  |  |
| 7 | Pilot fail short circuit (red LED)- Operating time |  |  |  |
| 8 | Check supervision supply fail  |  | 6-10 Sec |  |

#### 4. FUNCTIONAL TEST:

|  |  |  |
| --- | --- | --- |
| Item | Description | Checked |
| 1 | All output contacts resistance measured. |  |
| 2 | All LED operation checked. |  |