1. **GENERAL DATA AND INFORMATION:**

**Relay Description** **:** Annunciator Alarm Unit Type SACO 16D3

**Serial No.**  **:** EQ650365

**Aux. Voltage** **:** 80 - 265 V AC/DC

**No. of Channels** **:** 16 Channels

**No. of Reflash Output :** 16 Outputs

**Manufacturer** **:** ABB Finland

**Type :** SACO16D3AA358

**Model :** RS 811163–AA

**O/p Operation Mode :** GroupAlarm

**Alarm Sequence Type :** ISAR -1

1. **Electrical Test :**

###### Function Test:

|  |  |  |
| --- | --- | --- |
| ITEM | DESCRIPTION | CHECKED |
| 1 | Inspect for any physical damage or defects. |  |
| 2 | Check alarm acknowledge |  |
| 3 | Check alarm reset |  |
| 4 | Check audible alarm contact |  |
| 5 | Check lamp test |  |
| 6 | Check faulty alarm contact |  |
| 7 | Check working with AC supply |  |
| 8 | Check window no. of activated window at digital display |  |
| 9 | Change over supply checked |  |

###### Test Results:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Ch. #** | **Window Litra Checked** | **LED**  **Color** | **Input**  **Delay** | **Measured**  **value** | **Alarm**  **Ind. Check** | **Output**  **cont. Check** | **Aud.**  **o/p**  **Check** | **Ackn. Check** |
|
| **1** | --- | YELLOW | 5 msec | msec |  |  |  |  |
| **2** | --- | YELLOW | 5 msec | msec |  |  |  |  |
| **3** | --- | YELLOW | 5 msec | msec |  |  |  |  |
| **4** | --- | YELLOW | 5 msec | msec |  |  |  |  |
| **5** | --- | YELLOW | 5 msec | msec |  |  |  |  |
| **6** | --- | YELLOW | 5 msec | msec |  |  |  |  |
| **7** | --- | YELLOW | 5 msec | msec |  |  |  |  |
| **8** | --- | YELLOW | 5 msec | msec |  |  |  |  |
| **9** | --- | YELLOW | 5 sec | sec |  |  |  |  |
| **10** | --- | YELLOW | 5 sec | sec |  |  |  |  |
| **11** | --- | YELLOW | 5 sec | sec |  |  |  |  |
| **12** | --- | YELLOW | 5 sec | sec |  |  |  |  |
| **13** | --- | YELLOW | 5 sec | sec |  |  |  |  |
| **14** | --- | YELLOW | 5 sec | sec |  |  |  |  |
| **15** | --- | YELLOW | 5 sec | sec |  |  |  |  |
| **16** | --- | YELLOW | 5 sec | sec |  |  |  |  |

The basic time delay of the reflash signal is 70ms if only one alarm signal is received within a time period 200 m sec

**( According to Annunciator Manual )**