1. **GENERAL DATA & INFORMATION:**

Panel No. : Panel Name **:**

Manufacturer : Telemecanique Designation :

No. Of Contacts : 2 C/O contacts Type :RM22UA33MR

Function : Under-Voltage Aux Supply :24-240 V ac/dc

1. **MECHANICAL CHECKS AND VISUAL INSPECTION:**

|  |  |  |
| --- | --- | --- |
| **ITEM** | **DESCRIPTION** | **CHECKED** |
| **1** | Inspect for physical damage / defects. | OK |
| **2** | Verify connections as per approved drawings. | OK |
| **3** | Check tightness of all connections. | OK |
| **4** | Check Ferrules. | OK |
| **5** | Check apparatus lists. | OK |
| **6** | Check LED Indications | OK |

1. **ELECTRICAL TESTS:**

For all electrical test function selected for time delay is On Delay

1. **Pickup/Drop off Tests for U/V Setting:**

**RANGE FOR UV Selected :**

E1/M: 15-150V DC

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **RANGE** | **Set Voltage (V)** | **P/U Voltage 1-Ǿ** | **D/O Voltage 1-Ǿ** | **HYST** | **HYST%** | **ERROR**  **P/U Voltage** | **ERROR**  **D/U Voltage** |
|  |  | **(V)** | **(V)** | **%** | **CAL** | **%** | **%** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

Limits : ACCURACY WITH IN SUPPLY CONTROL VOLTAGE 0.5%

1. **Burden Test:**

125VDC

**Range:**15-150V DC

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

Limits :1.5 W

1. **Timing for U/V Setting:**

Function Selected for Timing: On Delay Time

E1/M: 15-150VDC

|  |  |  |
| --- | --- | --- |
| **Range Selected** | **U/V Setting**  **(V)** | **Time Measured**  **(ms)** |
| **E1/M: 15-150V** |  |  |

Limits :≤500ms

1. **Output Contacts Resistance Check:**

|  |  |  |
| --- | --- | --- |
| **1** | All contacts checked. | OK |
| **2** | All output contacts resistance measured. | OK |

**Coil Resistance:**

A1-A2: 1000 KΩ

E1/M: 15-150V=

**EQUIPMENT USED**

**>**SVERKER 900 Serial No: 1800909 Valid Upto: 01-01-2021

**>**FLUKE MULTIMETER Serial No: 30850238 Valid Upto: 28-09-2020