#### 1. General Data and Information:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Circuit ref.** | DCDB |  | **Designation No.** |  |
| **Panel No.** |  |  | **Serial No.** |  |
| **Maker** |  |  | **Aux. Supply** |  |
| **Type No.** |  |  | **Range** |  |

#### 2. Mechanical Checks and Visual Inspection:

|  |  |  |
| --- | --- | --- |
| **ITEM** | **DESCRIPTION** | **CHECKED** |
| 1 | Inspect for any physical damage or defects. |  |
| 2 | Verify connections as per approved drawing |  |
| 3 | Check tightness of all connection |  |

#### 3. Electrical Tests:

**A. Secondary Injection Test :**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Setting**  **Applied**  **RL1 & RL2** | **Earth Leakage**  **Operate Values** | | **Meter Relay Operation** | | | |
| **+ GR RL1** | | **- GR RL2** | |
| **+ mA** | **- mA** | **Set Time** | **Op. Time** | **Set Time** | **Op. Time** |
| 25 % |  |  | 4 - 3 |  | 7 - 6 |  |
| 50 % |  |  | 4 - 5 |  | 7 - 8 |  |
| 75 % |  |  | 4 - 3 |  | 7 - 6 |  |
| 100 % |  |  | 4 - 5 |  | 7 - 8 |  |

FINAL SETTINGS

i. Current = . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

ii. Time = . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

**OPERATING VALUES**

i. Current = . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

ii. Time = . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

**DIP SWITCHES CONFIGURATION:**

**RL1** S1 = . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

S2 = . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

S3 = . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

S4 = . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

**RL2** S5 = . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

S6 = . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

S7 = . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

S8 = . . . . . . . . . . . . . . . . . . . . . . . . . . . . .