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| **GENERAL DATA AND INFORMATION:**  |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Model No.** | 21-219 C37.94 |  | **Aux. Voltage** | 48 – 250 VDC | | **Manufacturer** | Fibersystem |  | **Bay Name** | FOIP - [ ] | | **Serial No.** |  |  | **Designation** |  |  **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 connections |  | | 4 | Check apparatus list |  | | 5 | Case earthing checked |  |  **OPERATING DC SUPPLY :**  |  |  | | --- | --- | | **Measured at the back of frame at position :** | **Measured value** | | **Supply from protection relay panel** |  |  **FIBER OPTIC TESTING :**  |  |  |  | | --- | --- | --- | | **Fiber Optic Cable Check** | **Checked** | **Remark** | | **RX** |  |  | | **TX** |  |  |   To check TX make loop back by jumper by coaxial cable between E1[ RX,TX]  RECEIVE SENSITIVITY: -25.4 dBm  OPTICAL OUTPUT POWER: -19.8 dBm  Wave length: 850 nm  **LEDS CHECK :**  1. [green led] ------ power supply indicator . light when power on 2. [ red led ] ------ fault indicator . light when lost optical signal |