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| 1. **GENERAL DATA AND INFORMATION:**  |  |  |  |  | | --- | --- | --- | --- | | **Reference Panel** |  | Bus Bar Relay - SET-1 | MiCOM P741 | | Under testing Panel |  | Bus Bar Relay - SET-2 | REB500 | | CT Ratio: | 4000/1 A | Operate Current setting : | 4800 A |  1. **STABILITY TEST :**   **BUS BAR DISC. ZONE (LCC PANEL) : ZONE ( 1A ) - MAIN1**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Phase** | **Primary**  **Current**  **(A)** | **Reference Panel ( )** | | | | | | | | **Testing Panel ( )** | | | | | | | | | **Location: XCT4** | | | | | | | | **Location: XCT4** | | | | | | | | | **R: 2** | | **Y: 4** | | **B: 6** | | **N: 7** | | **R: 2** | | **Y: 4** | | **B: 6** | | **N: 7** | | | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | | **R** | 400 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | **Y** | 400 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | **B** | 400 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   **ZONE ( 1A ) – MAIN2**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Phase** | **Primary**  **Current**  **(A)** | **Reference Panel ( )** | | | | | | | | **Testing Panel ( )** | | | | | | | | | **Location:** | | | | | | | | **Location:** | | | | | | | | | **R: 2** | | **Y: 4** | | **B: 6** | | **N: 7** | | **R: 2** | | **Y: 4** | | **B: 6** | | **N: 7** | | | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | | **R** | 400 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | **Y** | 400 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | **B** | 400 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   **BUS BAR DISC. ZONE (BBP PANEL) : ZONE ( 1A ) MAIN-1**   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Phase** | **Primary**  **Current**  **(A)** | **CU** | | | | **PU** | | | | | **R** | **Y** | **B** | **N** | **R** | **Y** | **B** | **N** | | **R** | 400 |  |  |  |  |  |  |  |  | | **Y** | 400 |  |  |  |  |  |  |  |  | | **B** | 400 |  |  |  |  |  |  |  |  |   **ZONE ( 1A ) MAIN-2**   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Phase** | **Primary**  **Current**  **(A)** | **CU** | | | | **PU** | | | | | **R** | **Y** | **B** | **N** | **R** | **Y** | **B** | **N** | | **R** | 400 |  |  |  |  |  |  |  |  | | **Y** | 400 |  |  |  |  |  |  |  |  | | **B** | 400 |  |  |  |  |  |  |  |  |  1. **SENSITIVITY TEST :**   **BUS BAR DISC. ZONE (LCC PANEL) : ZONE ( 1A ) SWAP IN ( ) – MAIN 1**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Phase** | **Primary**  **Current**  **(A)** | **Reference Panel ( )** | | | | | | | | **Testing Panel ( )** | | | | | | | | | **Location:** | | | | | | | | **Location:** | | | | | | | | | **R: 2** | | **Y: 4** | | **B: 6** | | **N: 7** | | **R: 2** | | **Y: 4** | | **B: 6** | | **N: 7** | | | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | | **R** | 400 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | **Y** | 400 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | **B** | 400 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   **ZONE ( 1A ) SWAP IN ( ) – MAIN 2**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Phase** | **Primary**  **Current**  **(A)** | **Reference Panel ( )** | | | | | | | | **Testing Panel ( )** | | | | | | | | | **Location:** | | | | | | | | **Location:** | | | | | | | | | **R: 2** | | **Y: 4** | | **B: 6** | | **N: 7** | | **R: 2** | | **Y: 4** | | **B: 6** | | **N: 7** | | | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | | **R** | 400 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | **Y** | 400 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | **B** | 400 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   **BUS BAR DISC. ZONE (BBP PANEL) : ZONE ( 1A ) MAIN-1**   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Phase** | **Primary**  **Current**  **(A)** | **CU** | | | | **PU** | | | | | **R** | **Y** | **B** | **N** | **R** | **Y** | **B** | **N** | | **R** | 400 |  |  |  |  |  |  |  |  | | **Y** | 400 |  |  |  |  |  |  |  |  | | **B** | 400 |  |  |  |  |  |  |  |  |   **ZONE ( 1A ) MAIN-2**   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Phase** | **Primary**  **Current**  **(A)** | **CU** | | | | **PU** | | | | | **R** | **Y** | **B** | **N** | **R** | **Y** | **B** | **N** | | **R** | 400 |  |  |  |  |  |  |  |  | | **Y** | 400 |  |  |  |  |  |  |  |  | | **B** | 400 |  |  |  |  |  |  |  |  |  1. **SENSITIVITY TEST :**   **BUS BAR DISC. ZONE (LCC PANEL) : ZONE ( 1A ) SWAP IN ( ) – MAIN 1**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Phase** | **Primary**  **Current**  **(A)** | **Reference Panel ( )** | | | | | | | | **Testing Panel ( )** | | | | | | | | | **Location:** | | | | | | | | **Location:** | | | | | | | | | **R: 2** | | **Y: 4** | | **B: 6** | | **N: 7** | | **R: 2** | | **Y: 4** | | **B: 6** | | **N: 7** | | | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | | **R** | 400 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | **Y** | 400 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | **B** | 400 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   **ZONE ( 1A ) SWAP IN ( ) – MAIN 2**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Phase** | **Primary**  **Current**  **(A)** | **Reference Panel ( )** | | | | | | | | **Testing Panel ( )** | | | | | | | | | **Location: XCT5** | | | | | | | | **Location: XT5** | | | | | | | | | **R: 2** | | **Y: 4** | | **B: 6** | | **N: 7** | | **R: 2** | | **Y: 4** | | **B: 6** | | **N: 7** | | | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | **I(mA)** | **Φ°** | | **R** | 400 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | **Y** | 400 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | **B** | 400 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |   **BUS BAR DISC. ZONE (BBP PANEL) : ZONE ( 1A ) MAIN-1**   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Phase** | **Primary**  **Current**  **(A)** | **CU** | | | | **PU** | | | | | **R** | **Y** | **B** | **N** | **R** | **Y** | **B** | **N** | | **R** | 400 |  |  |  |  |  |  |  |  | | **Y** | 400 |  |  |  |  |  |  |  |  | | **B** | 400 |  |  |  |  |  |  |  |  |   **ZONE ( 1A ) MAIN-2**   |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Phase** | **Primary**  **Current**  **(A)** | **CU** | | | | **PU** | | | | | **R** | **Y** | **B** | **N** | **R** | **Y** | **B** | **N** | | **R** | 400 |  |  |  |  |  |  |  |  | | **Y** | 400 |  |  |  |  |  |  |  |  | | **B** | 400 |  |  |  |  |  |  |  |  | |