GT2

Feeder

Incomer B

PRIMARY INJECTION DEVICE

SEC A/B

**51/ 51N**

A: Ammeter for measuring primary current

mA: Ammeter for measuring Summation current

SEC B/C

**86SB**

1. **STUCK PROTECTION A**
   1. **STABILITY TEST BETWEEN GT1 INCOMER FEEDER H13 AND BUS SECTION FEEDER H120B**

Secondary Current is in mA and Angle in Degrees.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Panel ( ) | | | | | | | | Panel ( ) Bus Riser | | | | | | | | Panel ( )GT1 Incomer | | | | | | | | Prim  Current (A) | PH. |
| N | | B | | Y | | R | | N | | B | | Y | | R | | N | | B | | Y | | R | |
| STUCK – A RELAY (51BA+51NBA) | | | | | | | | T.B: | | | | | | | | T.B: | | | | | | | |
|  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | R-R |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Y-Y |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | B-B |

* 1. **SENSITIVITY TEST BETWEEN GT1 INCOMER FEEDER H13 AND BUS SECTION FEEDER H120B**

**Reverse Current at ( )**

Secondary Current is in mA and Angle in Degrees.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Panel ( ) | | | | | | | | Panel ( ) BUS RISER | | | | | | | | Panel ( ) GT1 INCOMER | | | | | | | | Primary Current (A) | Other Bay C.T | PH. |
| N | | B | | Y | | R | | N | | B | | Y | | R | | N | | B | | Y | | R | |
| STUCK – A RELAY (51BA+51NBA) | | | | | | | | T.B: | | | | | | | | T.B: | | | | | | | |
|  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | reverse | R-R |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | reverse | Y-Y |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | reverse | B-B |

1. **STUCK PROTECTION B**
   1. **STABILITY TEST BETWEEN GT2 INCOMER FEEDER H14 AND BUS SECTION FEEDER H320C**

Secondary Current is in mA and Angle in Degrees.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Panel ( ) | | | | | | | | Panel ( ) BUS RISER | | | | | | | | Panel ( ) GT2 INCOMER | | | | | | | | Primary Current (A) | PH. |
| N | | B | | Y | | R | | N | | B | | Y | | R | | N | | B | | Y | | R | |
| STUCK – B RELAY (51BB+51NBB) | | | | | | | | T.B: | | | | | | | | T.B: | | | | | | | |
|  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | R-R |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Y-Y |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | B-B |

* 1. **SENSITIVITY TEST BETWEEN GT2 INCOMER FEEDER H14 AND BUS SECTION FEEDER H320C**

**Reverse Current at ( )**

Secondary Current is in mA and Angle in Degrees.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Panel ( ) | | | | | | | | Panel ( ) BUS RISER | | | | | | | | Panel ( ) GT2 INCOMER | | | | | | | | Primary Current (A) | PH. |
| N | | B | | Y | | R | | N | | B | | Y | | R | | N | | B | | Y | | R | |
| STUCK – B RELAY (51BB+51NBB) | | | | | | | | T.B: | | | | | | | | T.B: | | | | | | | |
|  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | R-R |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Y-Y |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | B-B |

* 1. **STABILITY TEST BETWEEN GT2 INCOMER FEEDER H14 AND BUS SECTION FEEDER H120**

Secondary Current is in mA and Angle in Degrees.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Panel ( ) | | | | | | | | Panel ( ) Bus SECTION | | | | | | | | Panel ( ) GT2 incomer | | | | | | | | Primary  Current (A) | PH. |
| N | | B | | Y | | R | | N | | B | | Y | | R | | N | | B | | Y | | R | |
| STUCK – B RELAY (51BB+51NBB) | | | | | | | | T.B: | | | | | | | | T.B: | | | | | | | |
|  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | R-R |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Y-Y |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | B-B |

* 1. **SENSITIVITY TEST BETWEEN GT2 INCOMER FEEDER H14 AND BUS SECTION FEEDER H120**

**Reverse Current at ( )**

Secondary Current is in mA and Angle in Degrees.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Panel ( ) | | | | | | | | Panel ( ) BUS SECTION | | | | | | | | Panel ( ) GT2 INCOMER | | | | | | | | Primary Current (A) | PH. |
| N | | B | | Y | | R | | N | | B | | Y | | R | | N | | B | | Y | | R | |
| STUCK – B RELAY (51BB+51NBB) | | | | | | | | T.B: | | | | | | | | T.B: | | | | | | | |
|  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | R-R |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Y-Y |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | B-B |

1. **STUCK PROTECTION C**
   1. **STABILITY TEST BETWEEN GT3 INCOMER FEEDER H38 AND BUS SECTION FEEDER H320**

Secondary Current is in mA and Angle in Degrees.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Panel ( ) | | | | | | | | Panel ( ) Bus section | | | | | | | | Panel ( ) GT3 incomer | | | | | | | | Primary Current (A) | PH. |
| N | | B | | Y | | R | | N | | B | | Y | | R | | N | | B | | Y | | R | |
| STUCK – C RELAY (51BC+51NBC) | | | | | | | | T.B: | | | | | | | | T.B: | | | | | | | |
|  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | R-R |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Y-Y |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | B-B |

* 1. **SENSITIVITY TEST BETWEEN GT3 INCOMER FEEDER H38 AND BUS SECTION FEEDER H320**

**Reverse Current at ( )**

Secondary Current is in mA and Angle in Degrees.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Panel ( ) | | | | | | | | Panel ( ) Bus section | | | | | | | | Panel ( ) GT3 Incomer | | | | | | | | Primary Current (A) | PH. |
| N | | B | | Y | | R | | N | | B | | Y | | R | | N | | B | | Y | | R | |
| STUCK – C RELAY (51BC+51NBC) | | | | | | | | T.B: | | | | | | | | T.B: | | | | | | | |
|  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I | Φ | I |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | R-R |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Y-Y |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | B-B |