

## CAPACITOR OVERCURRENT RELAY

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## TEST DATA

**Test Data No. :**

Station : \_\_\_\_\_  
Protected Eqpt. ID \_\_\_\_\_  
Date of Test : \_\_\_\_\_  
Breakers Tripped : \_\_\_\_\_

**Relay Specifications:**

Brand: \_\_\_\_\_  
Model: \_\_\_\_\_  
Serial No. \_\_\_\_\_  
Manufacturing Date: \_\_\_\_\_

### A. RELAY SETTINGS

## A.1 OVERCURRENT SETTING

☐ Directional      ☐ Non-Directional

| PARAMETERS                     | PHASE A | PHASE B | PHASE C | GROUND |
|--------------------------------|---------|---------|---------|--------|
| LOW SET (i>) CURRENT SETTING   |         |         |         |        |
| LOW SET (i>) TIME              |         |         |         |        |
| CHARACTERISTIC CURVE           |         |         |         |        |
| HIGH SET (i>>) CURRENT SETTING |         |         |         |        |
| HIGH SET (i>>) TIME            |         |         |         |        |

## B. TEST RESULTS

## B.1 MINIMUM PICK-UP

| PARAMETERS                   | PHASE A | PHASE B | PHASE C | GROUND |
|------------------------------|---------|---------|---------|--------|
| LOW SET CURRENT PICK-UP (A)  |         |         |         |        |
| LOW SET CURRENT DROP OUT (A) |         |         |         |        |
| RELAY INDICATION/TARGET      |         |         |         |        |
| HIGH SET CURRENT PICK-UP (A) |         |         |         |        |
| HIGH SET TIME (ms)           |         |         |         |        |
| RELAY INDICATION/TARGET      |         |         |         |        |

## B.2 TIME-ELEMENT OPERATING TIME CHARACTERISTIC

[illegible]

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**C. RELAY OPERATING PARAMETERS**

| PARAMETERS                   | MEASURED VALUES |
|------------------------------|-----------------|
| AUXILIARY POWER SUPPLY (Vdc) |                 |
| TRIPPING VOLTAGE (Vdc)       |                 |

REMARKS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**D. FUNCTIONAL TESTING / SIMULATION**

| FUNCTION | CONTROLLING<br>BREAKERS | SIMULATION USED |            | BREAKERS TRIPPED | REMARKS |
|----------|-------------------------|-----------------|------------|------------------|---------|
|          |                         | INJECTION       | SIGNALLING |                  |         |
|          |                         |                 |            |                  |         |
|          |                         |                 |            |                  |         |
|          |                         |                 |            |                  |         |
|          |                         |                 |            |                  |         |

**Tested by :****Concurred by :**\_\_\_\_\_  
Contractor - Test Engineer\_\_\_\_\_  
Owner's Representative**TEST INSTRUMENTS:**

(Eqpt.ID/Make/Model/SN/  
Date of last calibration)

|  |  |
|--|--|
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