

**CPRI
INDIA**

TEST REPORT



CPRI

TEST REPORT



**Central Power Research Institute
(A Govt. of India Society)
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CPRI

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Certificate No. : T-0098

Sheet 01 of 03

TEST REPORT

Test report number : UHV / T / 288 Dated: 07.10.2010

Name and address of the customer : M/s. Crompton Greaves Limited,
S6 Division, D-2, MIDC Waluj,
Aurangabad - 431 136

Name and address of the manufacturer : CT: M/s. Crompton Greaves Limited,
S6 Division, D-2, MIDC Waluj,
Aurangabad - 431 136
Porcelain Housing: M/s. IEC Bhopal

Particulars of sample tested

Condition of sample on receipt : New

Type : CT: 145/275/650

Description : 145 kV Live Tank, Hermetically Sealed, Current Transformer

Serial number : 92623

Number of samples tested : One

Date(s) of test(s) : 06.10.2010

CPRI sample code number : UHV10S0427

Particulars of test conducted : Power frequency voltage test (Wet)

Test method

Standard/specification : IEC: 60044-1 / 2003

Sampling plan : Not applicable

Customers requirement : Nil

Deviations if any : Nil

Name of the witnessing persons

Customer's representatives : Mr. Yogesh P. Sonune

Other than customer's representatives : Nil

Test subcontracted with address of the laboratory : Nil

Documents constituting this report (in words)

Number of sheets : Three

Number of oscillograms : Nil

Number of graphs : Nil

Number of photos : Nil

Number of test circuit diagrams : One

Number of drawings : Two

(K. A. ARAVIND)
Test Engineer



(Dr. D. DEVENDRANATH)
Joint Director

AUTHORISED SIGNATORIES



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Sheet 02 of 03

Dated: 07.10.2010

Test Report Number : UHV / T / 288

MOUNTING ARRANGEMENTS & TEST CONNECTIONS DURING TEST:

Mounting arrangements: CT was placed at outdoor.

Reference Drawing Nos: 1) 413491798 CT1 GA 2) 413491798 CT1 RS(E)

Test connections:

HV connected to shorted primary terminals P1-P2. All secondary terminals were shorted together and connected to earth.

AMBIENT CONDITIONS:

Temperature (Degree Celsius)		Atmospheric Pressure (mm of Hg)
Dry Bulb	Wet Bulb	
30	25	716

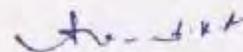
TEST PROCEDURE : As per standard.

RESULTS & OBSERVATIONS:

Power-frequency voltage test (Wet)

Voltage applied kV (RMS) @	Duration of application of voltage	Remarks
275	One minute	Withstood

@ The test voltage was corrected for the atmospheric conditions and corrected voltage was applied.
Resistivity of water used for wet test: 105 Ω -m.


(K. A. ARAVIND)
Test Engineer



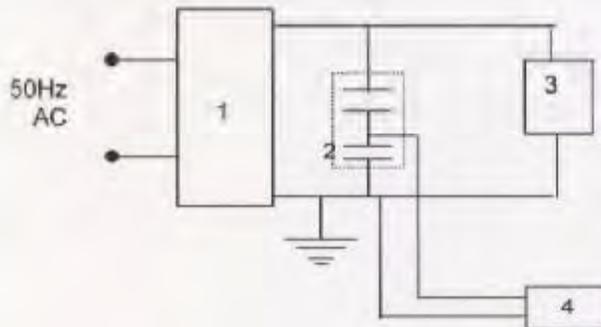
Test Report Number

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TEST CIRCUIT DIAGRAM

Power-frequency voltage test (Dry)

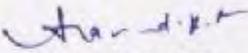


Legend:

- 1: AC Transformer
- 2: Voltage Divider
- 3: Test Sample
- 4: RMS voltmeter

NOTE

- a) The test results relates only to the items tested.
- b) Publication or reproduction of this report in any form other than by complete set of the whole report and in the language written is not permitted without the written approval of CPRI.
- c) Corrections/ erasing invalidates the test report.
- d) Any anomalies/ discrepancies in the test report should be brought to our notice within 45 days from the date of issue.


(K. A. ARAVIND)
Test Engineer

CPRI FORMATIONS

Website : <http://cpri.in>

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