



**SHORT CIRCUIT LABORATORY
CENTRAL POWER RESEARCH INSTITUTE**

(Member of STL)

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Sheet 1 of 4

CPRI

TEST REPORT

Test Report Number

SC10875A

Dated: 7th December, 2010

Name & Address of the Customer

M/s. Switchgear & Control Automations,
No. 37, 5th Cross, Doddamma Industrial Layout,
Hulimavu, Banerghatta Main Road, Bangalore – 560 076.

Name & Address of the Manufacturer

M/s. Switchgear & Control Automations,
No. 37, 5th Cross, Doddamma Industrial Layout,
Hulimavu, Banerghatta Main Road, Bangalore – 560 076.

Particulars of sample tested

Low-voltage switchgear and controlgear assembly -
415V 4000A LT Panel

Condition of the sample on Receipt

New

Type

Indoor, cubicle

Designation

PCC

Serial Number

Number of samples tested

One

Date (s) of test (s)

30th November, 2010

CPRI sample code no(s).

SC10S1992

Particulars of tests conducted

Verification of the short-circuit withstand strength

Test in accordance with
Standard / specification

Sub-clause 8.2.3 of IS 8623 (Part 1): 1993 /
IEC Pub 439-1 (1985) (Reaffirmed 2004)

Sampling plan

Not applicable

Customer's requirement

50 kA rms for 1.0 s & 105 kA peak on phase
bus-bars

Deviations if any

None

Name of the witnessing persons

Customer's representative

Mr. Keshav Prasad. V. N.

Other than customer's representative

None

Test subcontracted with
address of the laboratory

None

Documents constituting this report (In words)

Number of sheets

Four

Number of oscillograms

Two

Number of graphs

Nil

Number of photos

Two

Number of test circuit diagrams

Two

Number of drawings

Two


(G. Venkataramanaiah)
Test Engineer




(B. R. Ravishankar)
Joint Director

AUTHORISED SIGNATORIES