

**CENTRAL POWER RESEARCH INSTITUTE
(MEMBER OF STL)**



CPRI

TEST REPORT

Test Report Number S2140065

Date:
127 FEB 2014

Name & address of the Customer M/s Jagruti Electro Controls Pvt.Ltd.
45, Gopi Industrial Estate, B/H Ramdev Masala
Ahmedabad.

Name & address of the Manufacturer M/s Jagruti Electro Controls Pvt.Ltd.
45, Gopi Industrial Estate, B/H Ramdev Masala
Ahmedabad.

Particulars of sample tested LT Panel
Condition of sample on Receipt New

Type PCC
Designation Nil
Serial number Nil
Number of samples tested One
Date(s) of Test(s) 22nd January 2014
CPRI sample code no. STDSST214S0089

Particulars of tests conducted Verification of the short circuit withstand strength
Test in accordance with As per clause 8.2.3 of IS: 8623 (Part I)-1993
Sampling plan Not applicable
Customer's requirement Nil
Deviations if any Nil

Name of the Witnessing persons
Customer's representative Shri Khatwa Kalpesh
Other than Customer's representatives Nil
Test subcontracted with address of the laboratory None

Documents constituting this report (in words)

Number of sheets Five
Number of oscillograms Two
Number of graphs Nil
Number of photos Nil
Number of Test circuit diagrams Two
Number of drawings Two

(HIMANGSHU ROY)
TEST ENGINEER



(ANUPAM AWASTHI)
JOINT DIRECTOR

**CENTRAL POWER RESEARCH INSTITUTE
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Summary of test

| | |
|------------------------------------|--|
| Test conducted | Verification of the short circuit withstand strength |
| Rating for which tested | 65 kArms for 1.0 second with initial peak of 143 kA |
| Documents constituting this report | |
| Oscillogram number | S2140065. S02, S04 |
| Photograph numbers | Nil |
| Test circuit diagram number | OLTS/TCD-STC-01 & OLTS/TCD-STC-02 |
| Drawing number | DWG/JECPL/CPRI/PCC/01 Sheet 1 of 2 DWG/JECPL/CPRI/PCC/01 Sheet 2 of 2 |

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Date : 27 FEB 2014

Ratings assigned by manufacturer

| | |
|---------------------------|---|
| Test sample | LT Panel |
| Type | PCC |
| Designation | Nil |
| Serial number | Nil |
| Rated operational voltage | 415 V |
| Rated current | 4000 A |
| Rated insulation voltage | 660 V |
| Rated frequency | 50 Hz |
| Number of phases | Three phase + neutral |
| Rated short-time current | 65 kArms for 1.0 second with initial peak of 143 kA |

TEST ENGINEER