

CENTRAL POWER RESEARCH INSTITUTE



CPRI

TEST REPORT

Test Report Number : HPL14080 Dated: 17th June 2014

Name & Address of the Customer : M/s. Span Electromech,
180 - Akkalkot Road, MIDC,
Solapur – 413 006.

Name & Address of the Manufacturer: M/s. Span Electromech
180 - Akkalkot Road, MIDC,
Solapur – 413 006.

Particulars of sample tested : 440 V, 4000 A, 65 kA, L.T Panel with busbar only

Type : --

Designation : 4000 Amp. 65 kA Panel.

Serial number : 07/14-15

Number of samples tested : One

Date(s) of Test(s) : 22nd May 2014

CPRI Sample Code No. : HPL14S0089

Condition of sample on receipt : New

Particulars of tests conducted : Short circuit withstand strength – Verification by test

Test in accordance with Standard/Specification : Sub-clause 10.11.5 of IEC 61439 -1, Ed. 2.0, 2011-08

Sampling Plan : Nil

Customer's requirement : Nil

Deviation if any : Nil

Remarks if any : Refer sheet no 4 of 5

Name of the witnessing persons

Customer's representative : Mr. Nikhil P Patwa, Proprietor & Mr. Prakash M Patwa.

Other than Customer's representative : None

Test subcontracted with address of the laboratory : Nil

Documents constituting this report (In words)

Number of sheets : Five


Number of oscillograms : Three

Number of graphs : None


Number of photos : Two

Number of test circuit diagrams : Two

Number of sample drawings : Three


(M Chandra Sekhar)
TEST ENGINEER




(J Santhosh)
JOINT DIRECTOR

CENTRAL POWER RESEARCH INSTITUTE

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DESCRIPTION OF SAMPLE TESTED

(As assigned by the manufacturer)

Sample	: L.T Panel with busbar only
Type	: --
Designation	: 4000 Amp. 65 kA Panel.
Serial number	: 07/14-15
Number of phases	: Three phase with neutral
Rated voltage	: 440 V
Rated current	: 4000A
Rated frequency	: 50 Hz
Rated Insulation level	: 2.5 kV
Rated short- time withstand current and peak withstand current	: 65 kA rms / 143 kA peak For Phase Busbar, 39 kA rms / 85.80 kA peak For Neutral Busbar.
Duration of short circuit	: 1.0 second

(M Chandra Sekhar)
TEST ENGINEER