

CENTRAL POWER RESEARCH INSTITUTE

TEST REPORT



CPRI

Test Report Number: CPRI BLREATD18T0248

Dated: 27.09.2018

Name & Address of the Customer : M/s. Shri Vaari Electricals (P) Ltd.,
C-37, Thiru-vi-ka Industrial Estate,
Guindy, Chennai – 600032.

Name & Address of the Manufacturer : M/s. Shri Vaari Electricals (P) Ltd.,
C-37, Thiru-vi-ka Industrial Estate,
Guindy, Chennai – 600032.

Particulars of sample tested

Condition of the sample on Receipt : Good
Type : Indoor
Description of test sample : 11 kV, 1250A, Indoor VCB Panel.
Serial Number : SVE/ 001
Number of samples tested : One only
Date (s) of Test (s) : 25.09.2018
CPRI sample code no(s) : HV2017S0851

Particulars of tests conducted

Test in accordance with : IP 4X Test as per IEC 60529 Edition 2.2, 2013-08 Standard.
Standard / specification : Clause 13.2.
Sampling Plan : Not applicable
Customer's requirement : 1. IP 4X Test as per IEC 60529 Edition 2.2, 2013-08 Standard. Clause 13.2.
2. Ingress of Φ 1.0 mm rigid steel rod (IP4X).

Deviations if any : -Nil-

Name of the witnessing persons

Customer's representative : Mr. F. Mohamed Yahooob, Design Engineer,
Mr. B. Jagan Mohan, General Manager.

Other than customer's representatives : None
Test subcontracted with address of the laboratory : None

Documents constituting this report (In words)

Number of sheets : Three Only
Number of oscillograms : -Nil-
Number of graphs : -Nil-
Number of photos : -Nil-
Number of test circuit diagrams : -Nil-
Number of drawing : Three only. Drawing No. SVE – 001.
Sheet 1 of 3, Sheet 2 of 3 and Sheet 3 of 3.


(D VENKATESH)
Test Engineer




(Dr. P. CHANDRA SEKHAR)
Head of Division
Approved by

ULR-TC5452180EADT0248F

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TEST RESULTS:

SL. NO.	PARTICULARS		OBSERVATIONS/VALUES OBTAINED
	TESTS CONDUCTED	REFERENCE CLAUSE	
1.0	IP 4X test as per IEC 60529 Edition 2.2, 2013-08 standard.	Clause 13.2 Protection against access to solid foreign objects – Insertion of Test Probe of 1.0 ^{+0.05} mm dia.	Rigid steel rod of $\Phi 1.0^{+0.05}$ mm, with edges free from burrs, applied with a due force of 1N \pm 10% against all openings provided, and the steel rod did not penetrate nor pass through any of the openings provided on the "11 kV, 1250A, Indoor VCB Panel" Enclosure. <u>"Protection is Satisfactory"</u>

(D VENKATESH)
Test Engineer