

CENTRAL POWER RESEARCH INSTITUTE

TEST REPORT



CPRI

Test Report Number : CPRI BLSCL19T0755 **Date:** 13 November 2019

Name and Address of the Customer : M/s. Shri Vaari Electricals Pvt. Ltd.,
No: C-37, T.V.K.Industrial Estate,
Guindy, Chennai – 600032, Tamil Nadu, India.

Name and Address of the Manufacturer : M/s. Shri Vaari Electricals Pvt. Ltd.,
No: C-37, T.V.K.Industrial Estate,
Guindy, Chennai – 600032, Tamil Nadu, India.

Particulars of sample tested : High-voltage switchgear and control gear - VCB Panel

Type : Indoor

Description of test sample : 36kV 1250A VCB Panel

Serial Number : SVE/001-01

Number of samples tested : One

Date(s) of Test(s) : 23 & 24 September 2019

CPRI Sample code Number(s). : SCL19S0716

Particulars of tests conducted : Temperature-rise test on main circuit

Test in accordance with Standard/Specification : Sub-clause 6.5 of IEC 62271-200:2011
& Sub-clause 7.5.3.1 of IEC 62271-1:2017

Sampling Plan : Not applicable

Customer's Requirement : Nil

Deviations if any : Nil

Name of the witnessing persons

Customers representative : Mr. B.Jagan Mohan, G.M - Operations

Other than customer's representatives : None

Test subcontracted with address of the laboratory : None

Documents constituting this report (in words)

Number of Sheet(s) : Eight

Number of Oscillogram(s) : Nil

Number of Graph(s) : Nil

Number of Potograph(s) : One

Number of Test Circuit Diagram(s) : Nil

Number of Drawing(s) : Seven


(S. Arjuna Rao)
Test Engineer




(Swaraj Kumar Das)
Head of Division
Approved by

ULR-TC5452190SCLT0755F
Discipline: Electrical Testing
Group: Switchgear &
Protective Equipment

SHORT CIRCUIT LABORATORY
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Date: 13 November 2019

DESCRIPTION OF SAMPLE TESTED

(As assigned by the manufacturer)

Test sample	: 36kV, 1250A VCB Panel
Type	: Indoor
Serial number	: SVE/001-01
Rated voltage	: 36kV
Rated current	: 1250A
Rated Insulation level	: 70/170 kV
Rated frequency	: 50Hz
Number of phases	: Three

Breaker Details:

Type	: HVX-0
Serial number	: V-221403073-1-1
Make	: Schneider
Rated voltage	: 36kV
Rated current	: 1250A

Bus-bar Details:

Main Bus-bar	: Bare copper bus-bar of size 50mm x 10mm two runs in parallel per phase
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(S. Arjuna Rao)
Test Engineer