

CENTRAL POWER RESEARCH INSTITUTE
(Member of STL)



TEST REPORT

Test Report Number CPRI BLSCL19T0789 **Date:** 16 December 2019

Name and Address of the Customer : M/s. Shri Vaari Electricals P Ltd.,
No: C-37, T. V. K. Industrial Estate,
Guindy, Chennai – 600 032,
Tamil Nadu, India.

Name and Address of the Manufacture : M/s. Shri Vaari Electricals P Ltd.,
No: C-37, T. V. K. Industrial Estate,
Guindy, Chennai – 600 032,
Tamil Nadu, India.

Particulars of sample tested : VCB (Vacuum Circuit Breaker) Panel

Type : Indoor

Description of the test sample : 36 kV, 1250 A VCB (Vacuum Circuit Breaker) Panel

Serial Number : SVE / 001 - 01

Number of samples tested : One

Date (s) of Test (s) : 11 November 2019

CPRI Sample code number(s) : SCL19S0716

Particulars of tests conducted : Short-time withstand current and peak withstand current tests on main circuit

Test in accordance with Standard / specification : Sub-clause 6.6 a) of IEC 62271-200:2011

Sampling plan : Not applicable

Customer's requirement : 26.3 kA rms for 3.0 s & 65.75 kA peak on main circuit

Deviations if any : Nil

Name of the witnessing persons

Customer's 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) : Seven

Number of Oscillogram(s) : One

Number of Graph(s) : Nil

Number of Photo(s) : Four

Number of Test Circuit Diagram(s) : One

Number of Drawing(s) : Six


(Sakthivel. P)
Test Engineer




(Swaraj Kumar Das)
Head of Division
Approved by

CENTRAL POWER RESEARCH INSTITUTE
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TEST REPORT

Test Report Number: CPRI BLSCL19T0789

Date: 16 December 2019

Description of sample tested (ratings as assigned by the manufacturer)

Test sample : VCB (Vacuum Circuit Breaker) Panel
Type : Indoor
Serial number : SVE / 001 - 01
Rated voltage : 36 kV
Rated current : 1250 A
Rated insulation level : 70 / 170 kV
Rated frequency : 50 Hz
Number of phases : Three
Rated short-time withstand current & peak withstand current : 26.3 kA rms for 3.0 s & 65.75 kA peak on main circuit
Details of VCB used : 36 kV, 1250 A, 3 Pole, 26.3 kA for 3 s
Sl. No: V-221403073-1-1
Type: HVX-O
Make: M/s. Schneider
Details of Vacuum Interrupters : 36kV 1250A,
Sl. No. 'R' Pole – 6219023129
'Y' Pole – 6219008129
'B' Pole – 6219056129
Type: VG4 EN
Make: M/s. Schneider


(Sakthivel. P)
Test Engineer