

# ASTA TYPE CERTIFICATE

## VERIFICATION OF TEST

**Project No:** G104277945LCS002    **Certificate No:** ASTA-TYPE-000410

**Applicant:** Schneider Electric India Private Limited,  
No. 12A, Hosur Road, Attibele Industrial Area,  
Neralur Post, Bangalore, Karnataka - 562107, India

**Apparatus:** 57.1 kVAr, 440V, 3-phase,  $\Delta$ -connected, 50 / 60Hz, Temperature category - 25/D, dry-type LV power capacitor, cylindrical self-healing type.

**Manufactured By:** Schneider Electric India Private Limited,  
No. 12A, Hosur Road, Attibele Industrial Area,  
Neralur Post, Bangalore, Karnataka - 562107, India

**Test Report No:** 01032751/02

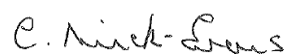
**Designation:** PowerLogic PFC / VarPlus Can

The apparatus which is representative of the designation, supplied drawings and photographs has been evaluated in accordance with:

**IEC 60831-1 Edition 3.0 2014-02 Clauses 7, 8, 9, 10, 11, 13, 14, 15 and 16**  
**IEC 60831-2 Edition 3.0 2014-02 Clauses 17, 18 and 19**

**For the ratings assigned by the manufacturer and proved by the tests refer page 1**

The results are shown in the record of tests attached hereto. The values obtained and the general performance is considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated on the ratings page(s) of this Certificate. This Certificate applies only to the apparatus tested. Responsibility for conformity of any apparatus having the same or other designations rests with the Manufacturer.



Certification Engineer



Certification Officer

.....19 October 2020.....

Date

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**Authenticity:**

Authenticity of any ASTA document can be confirmed by contacting the Intertek ASTA certification office at the following address: Intertek Testing & Certification Ltd., Centre Court, Meridian Business Park, Leicester, LE19 1WD, United Kingdom. Email: [asta@intertek.com](mailto:asta@intertek.com)

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## Limitations of use:

Verification of: LV Capacitor

SL. NO.	CHARACTERISTIC VERIFIED	STANDARD	CLAUSE/ SUB CLAUSE	VERIFIED TESTS AND RATINGS
1	Capacitance measurement and output calculation	IEC 60831-1	7	Verified
2	Measurement of the tangent of the loss angle ( $\tan \delta$ ) of the capacitor	IEC 60831-1	8	Verified
3	Voltage tests between terminals	IEC 60831-1	9	Verified $U_T = 946V$ for 10s
4	Voltage tests between terminals and container	IEC 60831-1	10	Verified $U_T = 3.0kV$
5	Test of internal discharge device	IEC 60831-1	11	Verified
6	Sealing test	IEC 60831-1	12	Not applicable for dry type capacitors
7	Thermal stability test	IEC 60831-1	13	Verified
8	Measurement of the tangent of the loss angle ( $\tan \delta$ ) of the capacitor at elevated temperature	IEC 60831-1	14	Verified
9	Lightning impulse voltage test between terminals and container	IEC 60831-1	15	Verified $8kV_p$
10	Discharge test	IEC 60831-1	16	Verified
11	Ageing test	IEC 60831-2	17	Verified
12	Self-healing test	IEC 60831-2	18	Verified
13	Destruction test	IEC 60831-2	19	Verified

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This certificate is NOT accredited under UKAS, accreditation No.010

Issued by Intertek Testing & Certification Ltd., Academy Place, 1-9 Brook Street, Brentwood CM14 5NQ, United Kingdom

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### Certificate contents:

The following documents are attached to and form part of this certificate:

Documents:	Number of pages:
Test report no. 01032751/02 dated 18/10/2020	18
Oscillograms	3
Photographs	3
Drawings	5

### Certificate Revision Amendment Table:

Certificate Number	Issue Date	Amendment
ASTA-TYPE-000410	As front page	Initial Issue