

ASTA TYPE CERTIFICATE

VERIFICATION OF TEST

Project No: G104277945LCS005 **Certificate No:** ASTA-TYPE-000413

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

Apparatus: 56.7 kVAr, 480V, 3-phase, Δ -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: 01032751/05

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

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.

C. Mick-Lewis

Certification Engineer

P. Stephen

Certification Officer

07 December 2020

Date

Project No. G104277945LCS005 Certificate No. ASTA-TYPE-000413

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Limitations of use:

Verification of: an LV Capacitor

CHARACTERISTIC VERIFIED	STANDARD	CLAUSE/ SUB CLAUSE	VERIFIED TESTS AND RATINGS
Capacitance measurement and output calculation	IEC 60831-1	7	Verified
Measurement of the tangent of the loss angle ($\tan \delta$) of the capacitor	IEC 60831-1	8	Verified
Voltage tests between terminals	IEC 60831-1	9	Verified $U_T = 1032V$ for 10s
Voltage tests between terminals and container	IEC 60831-1	10	Verified $U_T = 3.0kV$
Test of internal discharge device	IEC 60831-1	11	Verified
Sealing test	IEC 60831-1	12	Not applicable to dry type capacitors
Thermal stability test	IEC 60831-1	13	Verified
Measurement of the tangent of the loss angle ($\tan \delta$) of the capacitor at elevated temperature	IEC 60831-1	14	Verified
Lightning impulse voltage test between terminals and container	IEC 60831-1	15	Verified $8kV_p$
Discharge test	IEC 60831-1	16	Verified
Ageing test	IEC 60831-2	17	Verified
Self-healing test	IEC 60831-2	18	Verified
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. 01032751/05 dated 30/11/2020	18
Oscillograms	3
Photographs	4
Drawings	5

Certificate Revision Amendment Table:

Certificate Number	Issue Date	Amendment
ASTA-TYPE-000413	As front page	Initial Issue