

ASTA TYPE CERTIFICATE

VERIFICATION OF TEST

Project No: G104277945LCS004 **Certificate No:** ASTA-TYPE-000412R1

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

Apparatus: A range of 5kVAr to 25 kVAr, 525V, 3-phase, Δ -connected, 50 / 60Hz,
Temperature category -25/D, LV power capacitors, 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: 01032751/04

Designation: BLRCS250A300B52, EasyLogic PFC / EasyCan

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.



Certification Engineer



Certification Officer

7 March 2021

Date

Project No. G104277945LCS004 Certificate No. ASTA-TYPE-000412R1**Conditions of use:**

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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

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Limitations of use:

Verification of: a 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 $U_T = 1129V$ for 10s
Voltage tests between terminals and container	IEC 60831-1	10	Verified $U_T = 3.1kV$
Test of internal discharge device	IEC 60831-1	11	Verified
Sealing test	IEC 60831-1	12	Verified
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

This certificate covers the following range of capacitors:

BLRCS050A060B52	5kvar, 525V, 3Ph, 50/60Hz., EasyLogic PFC / Easy Can
BLRCS106A127B52	10.6kvar, 525V, 3Ph, 50/60Hz., EasyLogic PFC / Easy Can
BLRCS125A150B52	12.5kvar, 525V, 3Ph, 50/60Hz., EasyLogic PFC / Easy Can
BLRCS154A185B52	15.4kvar, 525V, 3Ph, 50/60Hz., EasyLogic PFC / Easy Can
BLRCS185A222B52	18.5kvar, 525V, 3Ph, 50/60Hz., EasyLogic PFC / Easy Can
BLRCS200A240B52	20kvar, 525V, 3Ph, 50/60Hz., EasyLogic PFC / Easy Can

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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. 01032751/04	18
Oscillograms	3
Photographs	3
Drawings	11

Certificate Revision Amendment Table:

Certificate Number	Issue Date	Amendment
ASTA-TYPE-000412	19/10/2020	Initial Issue
ASTA-TYPE-000412R1		Certificate revised to cover a range of capacitors with the same rated voltage.