



## Schedule of Scope to Certificate of Approval Approved Component - Qualification Approval

**IECQ Certificate No.: IECQ-C BSI 14.0001**

**CB Certificate No.: E1273/F**

**Schedule Number: IECQ-C BSI 14.0001-S      Rev No.: 16      Revision Date: 27 Mar 2014      Page 1 of 1**

Surge suppression Varistors are available in LA/CIII, ZA, E, D, S and SC series in voltages as shown in the table opposite.

For full performance parameters of these devices see Table 2 of CECC 42 201-006 and/or the manufacturers data sheets.

These series of varistors are also available as a Pb Free device and have been qualified to CECC 42 201-006 using the additional criteria as published in Circular Letter 62. Pb Free devices are identified by the suffix "P" being added to the basic style reference.

Series LA/CIII, ZA and E are Halogen Free components. All of series LA/CIII and E plus the ZA values marked \* with diameter 14 mm/ 20 mm and 25 mm have additionally been tested to and are compliant with IEC 60950-1 (Annex Q).

Examples as below:

LA Series:	V150LA5 V150LA5P**	Standard varistors Pb Free varistors
CIII Series:	V130LA5C V130LA5CP	Standard Varistors Pb Free Varistors
ZA Series:	V24ZA50 V24ZA50P	Standard varistors Pb Free varistors
E (Ultra MOV) Series:	V07E300 V07E300P	Standard varistors Pb Free varistors
D Series:	V20D230 V20D230P	Standard varistors Pb Free varistors
S Series:	V14S150 V14S150P	Standard varistors Pb Free varistors
SC Series:	V14SC420 V14SC420P	Standard varistors Pb Free varistors

All of the above series of varistors have radial leads with a category e3 surface finish. (For category explanation see Circular Letter 62)

Test report TRC020 introduced an alternative resin material from AKZO NOBEL but this applies to the LA, CIII, ZA and E (Ultra MOV) series only.

\*\*A new Cu paste introduced by test report TRC021 on Pb Free version of series LA only.

Test Report(s):	Date	Date of acceptance by CB
TR001_Pb Free_IECQ-CECC	June 2005	23 June 2005
TR005_SONG LONG	January 2006	10 February 2006
TR006_SONG LONG Pb free	January 2006	10 February 2006
TR012 and TR013	July 2009	16 October 2009
TR014	January 2010	26 April 2010
TRC020	October 2013	10 January 2014
TRC021	December 2013	13 March 2014

Voltage Identifier	Varistor Series						
	LA	CIII	ZA	E	D	S	SC
8			✓				
12			✓				
18			✓				
22			✓				
24			✓				
27			✓				
33			✓				
39			✓				
47			✓				
56			✓				
68			✓				
82			✓				
100			✓				
115				✓		✓	✓
120			✓*				
130	✓	✓		✓	✓	✓	✓
140	✓	✓		✓	✓	✓	✓
150	✓	✓	✓*	✓	✓	✓	✓
175	✓	✓		✓	✓	✓	✓
180			✓*				
230	✓	✓		✓	✓	✓	✓
250	✓	✓		✓	✓	✓	✓
275	✓	✓		✓	✓	✓	✓
300	✓	✓		✓	✓	✓	✓
320	✓	✓		✓	✓	✓	✓
385	✓	✓		✓		✓	✓
420	✓	✓		✓		✓	✓
440				✓			
460	✓	✓		✓			
480	✓	✓		✓			
510	✓	✓		✓			
550	✓	✓		✓			
575	✓	✓		✓			
625	✓	✓		✓			
660	✓	✓					
680	✓	✓					
1000	✓						

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