

FEATURES

- Fast response time
- High performande clamping voltage characteristics
- Low standby power

APPLICATIONS

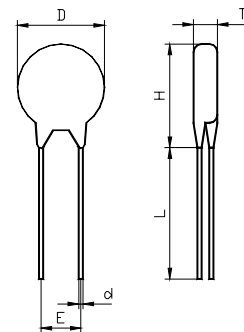
- Diode, thyristor and triac voltage protection.
- Surge protection in industrial electronics



Photo non-contractual

RADIAL LEAD METAL OXIDE VARISTORS									
Type	V _{RMS}	V _{DC}	Energy (J)		Surge current	Varistor voltage (V)			Max. Clamping
			10/1000µs	2ms		Nom	Min	Max	
SCV130-07	130	170	25,2	18	1200 A	200	185	225	340
SCV250-07	250	320	46,2	33		390	351	429	650
SCV420-07	420	560	61,6	44		680	612	748	1120
SCV130-14	130	170	79,8	57	4500 A	200	185	225	340
SCV250-14	250	320	134,4	96		390	351	429	650
SCV420-14	420	560	168	120		680	612	748	1120
SCV460-14	460	615	203	145		750	675	825	1240
SCV130-20	130	170	98	70	6500 A	200	185	225	340
SCV250-20	250	320	182	130		390	351	429	650
SCV420-20	420	560	224	160		680	612	748	1120
SCV460-20	460	615	266	190		750	675	825	1240
SCV510-20	510	670	266	190		820	738	902	1355
SCV550-20	550	745	280	200		910	819	1001	1500

VARISTOR DIMENSIONS (RADIAL LEAD)							
Diameter	V range	T _{max}	D _{max}	H _{max}	d	E (±0,8)	L _{MIN}
Ø7 (SCVxxx-07)	130-250V	4,1	9	12	0,6	5	20
	460	6					
Ø14 (SCVxxx-14)	130-250V	4,5	17	20	0,8	7,5	20
	420-460V	6,5				8	
Ø20 (SCVxxx-20)	130-250V	4,9	25	28	0,8	7,5	20
	420-550V	7		30		8	

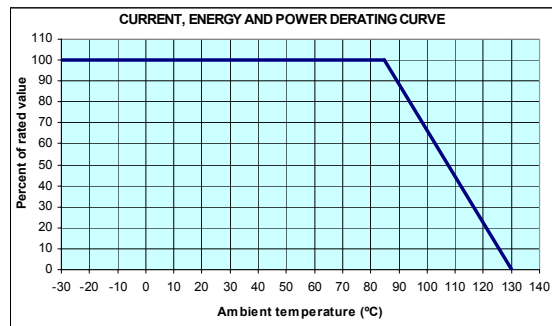


PRECAUTIONS

Should the varistor be subjected to suge currents and high energy levels above maximum ratings, it may physycally fail by package rupture or expulsion of material.

It is recommended locate the varistor away from other components or be physycally shielded from them.

Power dissipation capability is not necessary for a supressor, unless transients will be occurring in rapid succesion. The operating values need to be derated at high temperatures as shown in graph.



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Cost Effective Products

SEMICODE ELECTRONICA

offers to the market a comprehensive range of products from recognized manufacturers at the best price/quality relationship, this products are provided with a basic reference code that allows maintaining the same product reference even if the original device manufacturer is replaced. SEMICODE product reference has to be considered as a generic brand.

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