

Varistors

Types	V_V max.	V_{DC} max.	$V_{DC} \pm 10\%$ ($I_{DC} = 1 \text{ mA}$)	$\hat{I}_p^{1, 2)}$ max. repetitive	$\hat{I}_p^{1, 3)}$ max. non-repetitive	$\hat{W}_p^{1, 3)}$ max.	$\hat{P}_{AV}$ max. $T_{amb} \leq 70^\circ\text{C}$	$\hat{V}_{pmax} (\hat{I}_p^{1}) = \dots$			w
	V	V	V	A	A	J	W	(10 A)	(100 A)	(1000 A)	g

Plastic package, 1 varistor

SKVC 20 A 251	250	320	$390 \pm 15\%$	190	6500	140	$0,8^4)$	600	650	800	120
SKVC 20 A 460	460	615	$750 \pm 15\%$	190	6500	260	$0,8^4)$	1150	1270	1550	120

Plastic package, 1 varistor + 1 capacitor $0,1 \mu\text{F}$

SKVC 20 A 460C	460	615	$750 \pm 15\%$	190	6500	260	$0,8^4)$	1150	1270	1550	130
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¹⁾ IEC standard current pulse waveform $8 \times 20 \mu\text{s}$

²⁾ 10^4 times during lifetime

³⁾ Once during lifetime

⁴⁾ $T_{case} \leq 85^\circ\text{C}$

