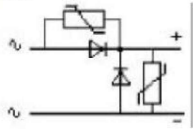


CONVERTER ASSEMBLIES

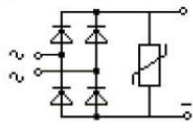
DS_OCR_O6
REV. 00 – 22/04/2010

Rectifier bridges with varistor 460/510 V - 1,1/1,2 A

EAV



BAV



V_{HSM} V_{RRM}	
550 V 510 V	BAV 460 D9 EAV 510 D13

Parameter	Conditions	BAV 460 D9	EAV 510 D13	Units
I_D	$T_{amb} = 45^\circ\text{C}$ isolated	1,2	1,1	A
I_{FSM}	$T_{vj} = 25^\circ\text{C}, 10\text{ ms}$ $T_{vj} = 150^\circ\text{C}, 10\text{ ms}$	150 130		A A
I^2t	$T_{vj} = 25^\circ\text{C}, 8,3... 10\text{ ms}$ $T_{vj} = 150^\circ\text{C}, 8,3... 10\text{ ms}$	130 100		A^2s A^2s
V_F	$T_{vj} = 25^\circ\text{C}, I_F = 10\text{ A max}$	1,2		V
$V_{(TO)}$ r_T	$T_{vj} = T_{vjmax}$ $T_{vj} = T_{vjmax}$	0,85 30		V m Ω
T_{vj} T_{stg}		- 40... + 150 - 40... + 100		$^\circ\text{C}$ $^\circ\text{C}$
$R_{thja}(\text{tot})$		22	44	$^\circ\text{C}/\text{W}$
V_{isol} at Pole 3	$T_{amb} = 25^\circ\text{C}, t = 60\text{ sec.}$	3000		V _{acc}

