



High Voltage Rectifiers Hochspannungs-Gleichrichter Redresseurs haute tension

Avalanche characteristics, ceramic cases

Types	V _(BR) V	V _{RRM} V	I _{FAV} T _{amb} = 45 °C A	I _{FAV} I _{coll} = 75 °C A	I _{F(OV)} t _p = 1 s A	I _{FSM} 10 ms, T _{vj max.} A	i ² t A ² s	I _R T _{vj} = 25 °C μA	R _{thja} °C/W	T _{vj} max. °C	w g
HSK E 2500/1100-0,3	7500	6000	0,45	0,45	1	50	12,5	1	60	150	6
E 3500/1550-0,3	10000	8000	0,4	0,4					50		9
E 5000/2200-0,25	15000	12000	0,35	0,35					45		13
HSK E 3500/1550-0,5	10500	8000	0,65	0,78	1	50	12,5	1	25	150	43
E 5000/2200-0,5	15000	12000	0,6	0,72					20		48
E 7500/3300-0,4	20000	16000	0,55	0,66					15		57
E 10000/4500-0,4	30000	24000	0,5	0,6					13		65
E 14000/6300-0,4	40000	32000	0,5	0,6					10		76
E 17000/7600-0,3	50000	40000	0,45	0,54					9		92
HSK E 3500/1550-1,2	10000	8000	1,5	1,8	2	120	72	2	10	150	124
E 5000/2200-1,2	15000	12000	1,45	1,75					7		155
E 7500/3300-1,2	20000	16000	1,35	1,6					5		177
E 10000/4500-1,2	30000	24000	1,3	1,55					5		202
HSK E 3500/1550-2	10000	8000	2,9	3,5	4	240	290	5	5	150	212
SKXA 35 N	52000	35000	0,15*	0,15	1	30	4,5	1,5	-	125	14
SKXA 75000	100000	80000	0,35*	0,35	2,6	90	40	1,5	-	125	105
75M	100000	80000		0,35							118
100M	130000	105000		0,35							143
125M	160000	135000		0,35							190
150M	200000	160000		0,35							192
150N	200000	160000		0,35							212
180M	200000	180000		0,3							200

High Voltage Modules Hochspannungs-Module Modules haute tension

Types ²⁾	V _(BR) V	V _{RRM} V	I _{FAV} T _{amb} = 45 °C A	I _{FSM} 10 ms, T _{vj max.} A	i ² t A ² s	I _R T _{vj} = 25 °C μA	R _{thja} °C/W	T _{vj} max. °C
SKV 1/2 B 3000/2700-1,2	9000	7200	0,8	50	12,5	1	11	150
SKV 1/2 B 6000/5400-0,5	18000	14000	0,45	50	12,5	1	11	150

Moulded Bridge Rectifiers Vergossene Brückengleichrichter Redresseurs en pont surmoulés

Miniature bridge rectifiers

Types	V _{RSM} V _{RRM} V	V _{VRMS} V	C _{max} μF	R _{min} Ω	Cooling ¹⁾	I _D T _{amb} = 45 °C A	I _{DCL} A	I _{FSM} 10 ms, T _{vj max.} A	i ² t T _{vj} = 25 °C A ² s	T _{vj} max. °C	R _{thja} °C/W	Case
SKB 1/005	50				I	1	0,8	30	4,5	125		G27
/01	100											
/02	200											
/04	400											
/08	800											
SKB 1,2/01	120	40	5000	0,5	I	1,2	1	50	12,5	150	42	G1
/02	200	60	3300	0,8								
/04	400	125	1600	1,5								
/08	800	250	800	3								
/12	1250	500	400	6								
SKB 1,5/01 ³⁾	100				I	1,5	1,3	45	10	125		G28
/02	200											
/04	400											
/08	800											
/10	1000											
SKB B 40 C 1000 L5B	120	40	5000	0,5	I	1,2	1	50	12,5	150	42	G2
B 80 C 1000 L5B	400	125	1600	1,5	M	1,8	1,5					
B 250 C 1000 L5B	800	250	800	3								
B 380 C 1000 L5B	1000	380	600	4,5								
B 500 C 1000 L5B	1250	500	400	6								
SKB B 40 C 1400	120	40	7000	0,4	I	1,7	1,4	70	24,5	150	30	G3
B 80 C 1400	400	125	2200	1,1	M	2,5	2					
B 250 C 1400	800	250	1000	2,5								
B 500 C 1400	1250	500	500	5								
SKB B 40 C 1500 L5B	120	40	7000	0,4	I	1,5	1,5	70	24,5	150	36	G2
B 80 C 1500 L5B	400	125	2200	1,1								
B 250 C 1500 L5B	800	250	1000	2,5								
B 380 C 1500 L5B	1000	380	700	4								
B 500 C 1500 L5B	1250	500	500	5								
SKB 2/02 L5A	200	60	3000	1	I	1,7	1,4	50	12,5	150	30	G4
/04 L5A	400	125	2200	1,5	M	2,5	2					
/08 L5A	800	250	1000	3								
/12 L5A	1200	500	500	6								
SKB 6/01 ⁴⁾	100				I	6	4,8	115	66	125		G29
/04	400											
/08	800											
/10	1000											

¹⁾ Freely suspended or mounted on an insulator
²⁾ The data given for a single arm

³⁾ I_D = 1,25 A at T_{amb} = 45 °C
⁴⁾ I_D = 8 A at T_{case} = 50 °C

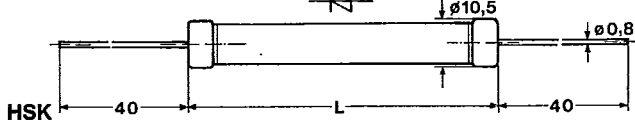
M: Mounted on a painted metal sheet of min. 250 x 250 x 1 mm · * Toit

Raddrizzatori di alta tensione

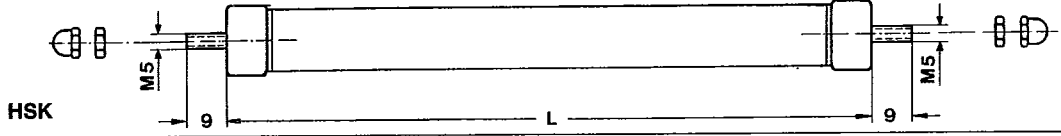
Case	L	∅ D
	mm	mm
F1	42	10,5
	62	
	77	
F2	68	15
	83	
	108	
	128	
	168	
F2	128	21
	168	
	198	
	228	
F2	228	21
F4	60	9,5
F3	124	20
	142	
	170	
	230	
	260	
	230	

Rectificadores de alta tensión

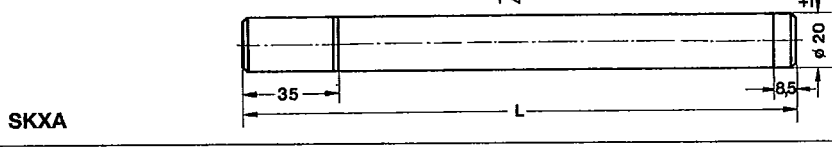
Case F 1



Case F 2



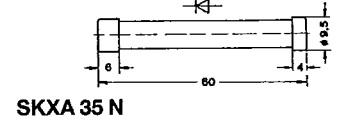
Case F 3



Retificadores de alta tensão

T-23-05

Case F 4



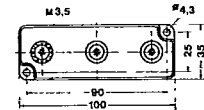
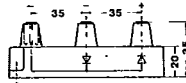
Moduli di alta tensione

Módulos de alta tensión

Módulos de alta tensão

Case F 5

SKV 1/2 B 3000/2700-1,2
SKV 1/2 B 6000/5400-0,5



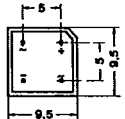
w = 135 g

Raddrizzatori a ponte in custodia di resina

Puentes rectificadores compactos

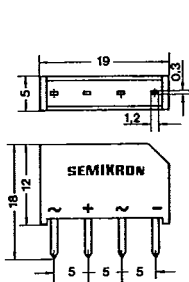
Pontes retificadoras compactas

Case G 1



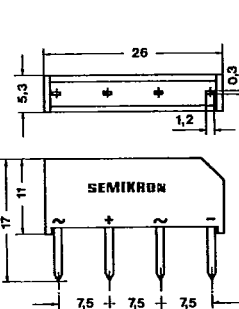
SKB 1,2
SKBa 1,2/13
w = 3 g

Case G 2



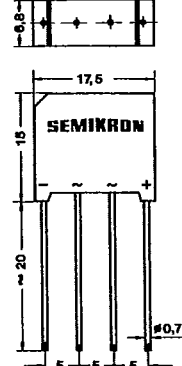
SKB B...C 1000 L5B
SKB B...C 1500 L5B
SKBa B 500 C 1000 L5B
w = 2 g

Case G 3



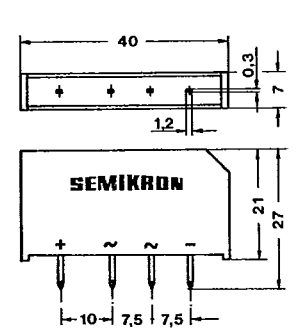
SKB B...C 1400
SKBa B 500 C 1400
w = 3 g

Case G 4



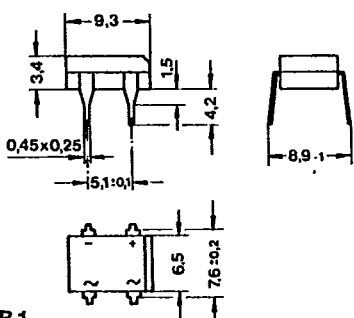
SKB 2
w = 4 g

Case G 5



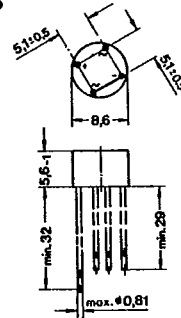
SKB B...C 3200/2200
SKBa B 500 C 3200/2200
w = 10 g

Case G 27



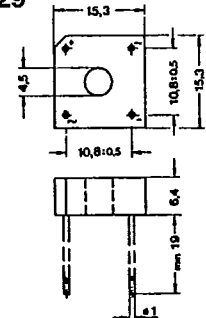
SKB 1

Case G 28



SKB 1,5

Case G 29



SKB 6