

Features

- Threaded stud thyristors
- Hermetic metal cases with glass insulators
- Glass to metal seal
- Threaded studs ISO M5...M24 x 1,5, UNF 10 - 32 ... "
- International standard cases
- Capsule type thyristors
- Hermetic metal cases with ceramic insulators

Capsule packages for double sided cooling

- Shallow design with single sided cooling
- International standard cases
- Off-state and reverse voltages up to 3600 V
- Amplifying gates

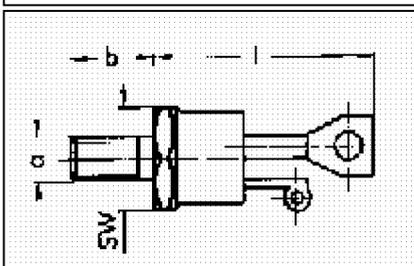
Typical Applications

- DC motor control (e.g. for machine tools)
 - Controlled rectifiers (e.g. for battery charging)
 - AC controllers (e.g. for temperature control)
-

Type	V_{DRM} V_{RRM}	I_{TAV} T_{case}		I_{TSM} 25 °C 10 ms	R_{thjc} sin 180	Case
	V	A	°C	A	°C/W	
SKT 10	600 ... 1200	10	106	250	1,3	<u>B 1</u>
SKT 16	400 ... 1600	16	103	370	0,9	<u>B 2</u>
SKT 24; 24 UNF	400 ... 1600	24	94	450	0,9	<u>B 2</u>
SKT 40	400 ... 1800	40	80	700	0,66	<u>B 3</u>
SKT 50, 50 UNF	600 ... 1800	50	78	1050	0,60	<u>B 3</u> ; <u>B 4</u>
SKT 55	400 ... 1800	55	92	1300	0,47	<u>B 5</u>
SKT 80	400 ... 1800	80	85	1700	0,28	<u>B 5</u>
SKT 100; 100 UNF	400 ... 1800	100	85	2000	0,28	<u>B 5</u>
SKT 130	400 ... 1600	130	85	3500	0,18	<u>B 6</u>
SKT 160; 160 UNF	400 ... 1600	160	85	4300	0,18	<u>B 6</u>
SKT 250	400 ... 1600	250	85	7000	0,123	<u>B 7</u>
SKT 300; 300 UNF	400 ... 1600	300	93	11000	0,096	<u>B 7</u>
SKT 240	400 ... 2200	240	92	5000	0,072	<u>B 8</u>
SKT 340	400 ... 1800	340	82	5700	0,072	<u>B 8</u>
SKT 491	400 ... 2200	490	80	8000	0,047	<u>B 11</u>
SKT 551	1200 ... 1800	550	85	9000	0,047	<u>B 11</u>
SKT 520	1800 ... 2800	520	85	9000	0,040	<u>B 10</u>
SKT 600	400 ... 1800	60	85	11500	0,040	<u>B 10</u>
SKT 760	400 ... 1800	0760	80	15000	0,040	<u>B 10</u>
SKT 1000	400 ... 2800	1000	85	19000	0,0255	<u>B 14</u>
SKT 1200	1200 ... 1800	1200	85	30000	0,0255	<u>B 14</u>
SKT 1400	2600 ... 3600	1500	55	29000	0,0185	<u>B 19</u>
SKT 1800	1200 ... 1600	2500	60	53000	0,0155	<u>B 19</u>
SKT 2000	2200 ... 2800	2450	55	45000	0,0110	<u>B 20</u>
SKT 2400	1200 ... 1800	3000	56	55000	0,0110	<u>B 20</u>

☒ Goto Top

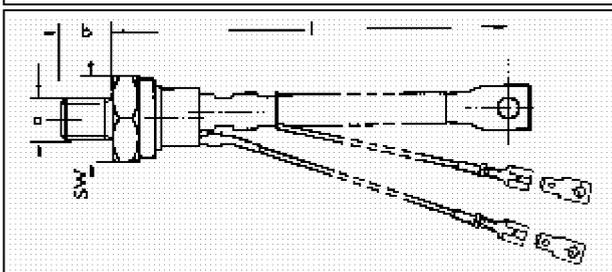
Cases B1 ... B4



Cases	a	b	l	SW
B1	M5	11	20,3	11
B2	M6	11	30	14
B3	M8	11	33,5	17
B4	1/4-28	11	33,5	17

☒ Goto Top

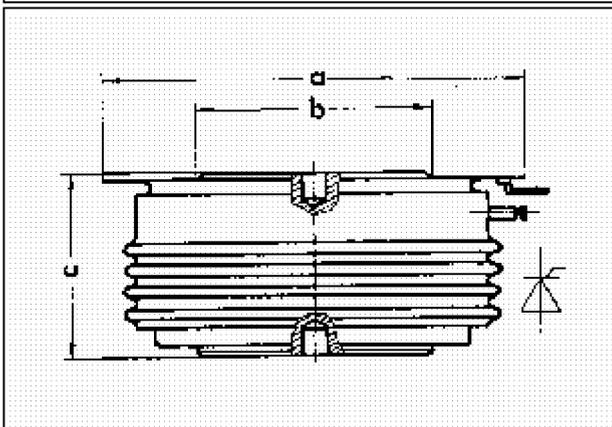
Cases B5 ... B7



Cases	a	b	l	SW
B5	M12	18	160	24
B6	M16x1,5	20	190	32
B7	M24x1,5	20	230	41

[Goto Top](#)

Cases B8 ... B20



Cases	a	b	c
B8	41	19	14
B10	57,3	34	26
B11	41	25	14
B14	73	47	26
B19	102	63	33
B20	111	73	37

[Goto Top](#)