

SKKH series thyristor diode modules

SKKH Modules are monolithic design with dual topology of semiconductors (two switches): thyristor-diode type. Used in DC and AC circuits with loads to **570A** and reverse pulse voltages up to **2200V**.

SCR modules are housed in an industry-standard housing making it easy to integrate the device into existing equipment. The main terminals are on the top of the case and are marked as 1,2,3 (common anode-cathode, cathode, anode). The control terminals are marked as 4(K1), 5(G1).

SKKH thyristor diode modules are used in various power equipment - power and control units, power regulators, AC regulators, converters, controllers of blast furnaces or chemical processes, welding equipment and as rectifiers for AC converters.

Semipack 1												
Series	Type	ITAV/IFA V (Tc=85°C)	VRRMVDR M	ITSM IFSM	I ² t	VT(T O	rT	tq	VJ max	Rth(j-c (per chip)	W	Package, Dimensions LxBxH
		A	V	A	kA ² . s	V	mΩ	μs	°C	C/W	g	mm
SKKH27	SKKH27/08E	25	800-1800	480	1.15	0.90	12	80	125	0.95	95	SEMIPACK1 93x20x30
	SKKH 27/12E											
	SKKH 27/14E											
	SKKH 27/16E											
	SKKH 27/18E											
SKKH42	SKKH 42/08E	40	800-1800	850	3.60	1.00	4.5	80	125	0.69	95	SEMIPACK1 93x20x30
	SKKH 42/12E											
	SKKH 42/14E											
	SKKH 42/16E											
	SKKH 42/18E											
SKKH57	SKKH 57/08E	50	800-1800	1250	8.0	0.90	3.5	80	125	0.60	95	SEMIPACK 1 93x20x30
	SKKH 57/12E											
	SKKH 57/14E											
	SKKH 57/16E											
	SKKH 57/18E											
SKKH72	SKKH 72/08E	70	800-1800	1450	10.5	0.90	3.5	80	125	0.37	95	SEMIPACK 1 93x20x30
	SKKH 72/12E											

	SKKH 72/14E												
	SKKH 72/16E												
	SKKH 72/18E												
SKKH72 H4	SKKH 72/20E H 4	70	2000-2200	1450	10.5	0.90	3.5	80	125	0.37	95	SEMIPACK1 93x20x30	
	SKKH 72/22E H 4												
SKKH92	SKKH 92/08E												
	SKKH 92/12E												
	SKKH 92/14E	95	800-1800	1750	15	0.90	2.0	100	125	0.30	95	SEMIPACK1 93x20x30	
	SKKH 92/16E												
	SKKH 92/18E												
SKKH10 6	SKKH 106/08E												
	SKKH 106/12E												
	SKKH 106/14E	106	800-1800	1900	18	0.90	2.0	100	130	0.30	95	SEMIPACK1 93x20x30	
	SKKH 106/16E												
	SKKH 106/18E												
SKKH10 7	SKKH 107/16E	119	1600	1900	18	0.90	3.35	200	130	0.20	75	SEMIPACK 1 93x20x30	

Semipack 2

SKKH122	SKKH 122/08E											
	SKKH 122/12E											
	SKKH 122/14E	129	800-1800	3200	51.2	0.85	2.0	120	125	0.21		
	SKKH 122/16E											
	SKKH 122/18E											
SKKH132	SKKH 132/08E											
	SKKH 132/12E											
	SKKH 132/14E	137	800-1800	4000	80	1.00	1.6	150	125	0.21		
	SKKH 132/16E											
	SKKH 132/18E											
SKKH132 H4	SKKH 132/20E H4	128	2000-2200	3800	72	1.10	2.0	150	125	0.18		
	SKKH 132/22E H4											
SKKH162	SKKH 162/08E	156	800-1800	5000	125	0.85	1.5	150	125	0.18		

	SKKH 162/12E											
	SKKH 162/14E											
	SKKH 162/16E											
	SKKH 162/18E											
SKKH162 H4	SKKH 162/20E H4	143	2000-2200	4800	115	0.95	2.0	150	125	0.17		
	SKKH 162/22E H4											
SKKH172	SKKH 172/16E	175	1600-1800	5000	125	0.83	1.3	175	125	0.164		
	SKKH 172/18F											
SKKH215	SKKH 215/16E	215	1600-1800	5700	162.5	0.85	1.2	150	125	0.125		
	SKKH 215/18E											

Semipack 3/5

SKKH250	SKKH 250/08E	250	800-1800	8000	405	0.93	0.45	150	130	0.15	600	SEMIPACK 3 115x50x52
	SKKH 250/12E											
	SKKH 250/14E											
	SKKH 250/16E											
	SKKH 250/18E											
SKKH273	SKKH 273/12E	273	1200-1800	8000	320	0.90	0.92	150	130	0.108	410	SEMIPACK3 115x50x52
	SKKH 273/16E											
	SKKH 273/18E											
SKKH280 H4	SKKH 280/20E H4	252	2000-2200	7500	281	0.90	0.75	150	125	0.116	600	SEMIPACK 3 115x50x52
	SKKH 280/22E H4											
SKKH323	SKKH 323/12E	320	1200-1800	8200	336	0.81	0.85	150	130	0.095	410	SEMIPACK 3 115x50x52
	SKKH 323/16E											
	SKKH 323/18E											
SKKH330	SKKH 330/08E	305	800-1800	8000	320	0.80	0.60	150	130	0.116	600	SEMIPACK3 115x50x52
	SKKH 330/12E											
	SKKH 330/16E											
	SKKH 330/18E											
SKKH460	SKKH 460/16E	460	1600-2200	15500	1200	0.88	0.45	200	130	0.074	1400	SEMIPACK 5 150x60x52
	SKKH 460/22E H4											
SKKH570	SKKH 570/12E	570	1200-1800	15500	1200	0.78	0.32	200	135	0.072	1400	SEMIPACK 5 150x60x52
	SKKH 570/16E											
	SKKH 570/18E											