

## Section 1: SEMIPACK® Thyristor/Diode Modules

Type	V <sub>DRM</sub> V <sub>RRM</sub>	I <sub>FAV</sub>	I <sub>TSM</sub>	R <sub>thjc</sub>	Case	Circuit
	V	A	I <sub>FSM</sub>	sin.180 C/W		
<b>▲ New type</b>		@ T <sub>case</sub> °C	A			
SKKD 15	400...1600	15	82	320	2.0	A3
SKKD 26	1200...1600	26	93	550	1.0	A10
SKKD 46	200...1600	45	86	700	0.60	A10
▲ SKKD 81	200...2200	80	87	1750	0.40	A10
SKKD 100	400...1600	100	85	2500	0.35	A10
▲ SKKD 162	800...2200	160	95	6000	0.18	A23
SKKD 201	800...2200	200	85	6000	0.19 <sup>1)</sup>	A16
SKKD 260	800...2200	260	85	11000	0.14 <sup>1)</sup>	A27
SKKE 15	600...1600	15	82	320	2.0	A4
SKKE 81	400...1600	80	87	1750	0.40	A12
SKKE 162	800...1600	160	95	5300	0.18	A24
SKKE 201	1200...2200	200	85	6000	0.19 <sup>1)</sup>	A17
SKKE 260	1200...1600	260	85	11000	0.14 <sup>1)</sup>	A28
SKKE 400	1200...2700	400	85	12000	0.095 <sup>1)</sup>	A42
SKND 165	400... 800	180	85	3300	0.20	A39
SKKH 15	400...1600	15	75	320	1.7	A2
SKKH 26;27	400...1600	25	85	470	0.95	A6;A47
SKKH 41;42	400...1600	40	85	1000	0.69	A6;A47
SKKH 56;57	400...1800	55	80	1500	0.60	A6;A47
SKKH 71;72	600...1800	70	85	1600	0.37	A6;A47
SKKH 91;92	400...1600	90	88	2000	0.30	A6;A47
SKKH 105;106	400...1600	115	80	2250	0.30	A6;A47
SKKH 131	800...1600	130	92	4700	0.20 <sup>1)</sup>	A14
SKKH 132	800...1800	130	87	4700	0.19	A22
SKKH 161	800...1600	160	85	5400	0.20 <sup>1)</sup>	A14
SKKH 162	800...1800	160	83	5400	0.18	A22
SKKH 250	1200...1800	250	85	9000	0.15 <sup>1)</sup>	A26
SKKT 15	400...1600	15	75	320	1.7	A1
SKKT 19;20;20B	600...1600	18	85	320	1.3	A5;A46;A48
SKKT 26;27;27B	600...1600	25	85	470	0.95	A5;A46;A48
SKKT 41;42B	600...1600	40	85	1000	0.69	A5;A48
▲ SKKT 42	600...2200	40	85	1000	0.69	A46
SKKT 56;57B	600...2000	55	80	1500	0.60	A5;A48
▲ SKKT 57	600...2200	55	80	1500	0.60	A46
SKKT 71;72B	600...2000	70	85	1600	0.37	A5;A48
▲ SKKT 72	600...2200	70	85	1600	0.37	A46
SKKT 91;92;92B	600...1600	95	85	2000	0.30	A5;A46;A48
SKKT 105	600...1600	115	80	2250	0.3	A5
SKKT 106;106 B	600...1600	115	80	2250	0.3	A46; A48
SKKT 131	800...2200	130	92	4700	0.20 <sup>1)</sup>	A13
▲ SKKT 132	800...2200	130	87	4700	0.19	A21
SKKT 161	800...1800	160	85	5400	0.20 <sup>1)</sup>	A13
SKKT 162	800...1800	160	83	5400	0.18	A21
SKKT 210	800...2200	210	85	8000	0.15 <sup>1)</sup>	A25
SKKT 213	800...1800	230	85	8500	0.115	A43
SKKT 250	800...1800	250	85	9000	0.15 <sup>1)</sup>	A25
SKKT 253	800...1800	250	85	9000	0.115	A43
SKET 330	800...2200	330	78	9000	0.095 <sup>1)</sup>	A36
SKET 400	800...1800	400	84	14000	0.095 <sup>1)</sup>	A36
SKNH 56	1200...1600	55	80	1500	0.60	A7
SKKQ 31	600...1400	30 <sup>4)</sup>	85	320	1.7	A41
SKKQ 45	600...1400	45 <sup>4)</sup>	85	470	1.3	A41

1) Internal insulation: aluminium nitride (AlN)

2) T<sub>j</sub> = 25 °C; 10 ms

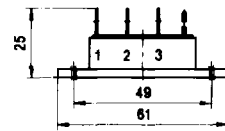
3) Reverse voltages of the rectifier diodes

4) I<sub>RMS</sub>

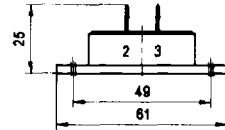
5) common Anode on terminal 1

6) common Cathode on terminal 1

Cases A 1 ... A 3 SEMIPACK® 0

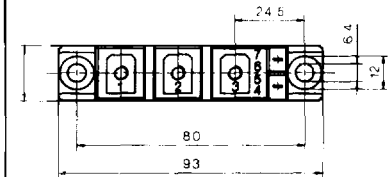
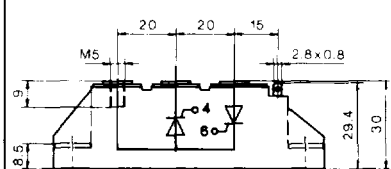


Cases A 4 SEMIPACK® 0

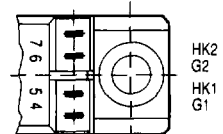


SKKE 15

Cases A 5 ... A 11 / A 12 SEMIPACK® 1  
Cases A 19 / A 33<sup>6)</sup> / A 37<sup>5)</sup>

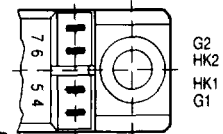


Cases A 46 / A 47 SEMIPACK® 1



SKKT 20/ ... 106/...

Case A 48



SKKT 20 B ... 106 B ...