модуль, semikron, skkq Минск +375447584780
www.fotorele.net www.tiristor.by радиодетали, электронные компоненты
email minsk17@tut.by tel.+375 29 758 47 80 мтс

КАТАЛОГ SEMIKRON 2019 МИНСК

модуль semikron, igbt, мост диодный

купить, продажа

skkq 800/14e semikron

skkq 800/18e semikron

skkq800/14e, semikron: тиристорный модуль, 1,4кв, 800a, semistartsemikron, тиристорный модуль, 1,4кв, 800a, semistart

skkq800/18e, semikron: тиристорный модуль, 1,8кв, 800a, semistartsemikron, тиристорный модуль, 1,8кв, 800a, semistart

skkq800/14e smk, old part skkq800/14e1.genkvp^semikron. мин.заказ=3

skkq800/14e semikron inc.

skkq800/18e semikron inc., тиристорный модуль. semistart. 800a. 1800v.

skkq800/14e /semikron/ moq>10000 semikron

skkq800/18e /semikron/ moq>10000 semikron

skkq800/18e smk

skkq800/18e unknown

skkq800/18e pbf smk

skkq800/1200/1500mech.sample semikron

skkq800/14 semikron

skkq800/14e semikron

skkq800/18 semikron

skkq800/1800 semikron

skkq800/18e semikron

skkq 800 / 14e skkq800/14e тиристорный/диодный модуль semistart антипараллельный тиристор для плавного пуска 800a 1400v, semicron

skkq 800 / 18e skkq800/18e тиристорный/диодный модуль semistart антипараллельный тиристор для плавного пуска 800a 1800v, semicron

skkq 800 semikron

skkq800 semikron [semikron international], antiparallel thyristors for softstart

skkq800_07 semikron [semikron international], antiparallel thyristors for softstart

skkq800_09 semikron [semikron international], antiparallel thyristors for softstart

skkq 800/18e

skkq800 semikron [semikron international], antiparallel thyristors for softstar

skkq800_07 semikron [semikron international], antiparallel thyristors for softstar

skkq800_09 semikron [semikron international], antiparallel thyristors for softstar

Mini SKiiP

SEMITOP

SEMITRANS

SEMIX

SKiM

Full SiC

Hybrid SiC

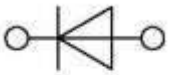
SKiiP

SEMIPACK

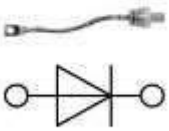
SEMITOP

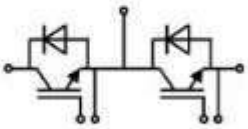
SEMIX

SEMISTART



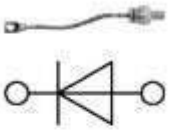
Power Bridge Rectifiers





SEMISTACK Classics

SEMIPONT



SEMITEACH

SEMIX

PT 22b3 RoHS

Pulse Transformer

Part Number: 97492890
Manufacturer: SEMIKRON
datasheet

Product Details >>

Current delivery time approx. 10 weeks

Axial fan 230V 119x38m 150m3/h

Fan

V 230 V

Part Number: 30031061
Manufacturer: SEMIKRON
datasheet

Thermal paste P12

Thermal paste

Part Number: 31867700
Manufacturer: SEMIKRON
datasheet

SKKQ 800/18E

SEMiSTART

Antiparallel thyristors for softstart

SKKQ 800/18E

Features

- Compact design
- Pressure contact technology

Typical Applications*

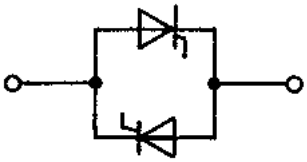
- Soft starters

Remarks

- Please note: This module has no soft mold protection around the chip. It is therefore susceptible to environmental influences (dust, humidity, etc.). The humidity test according to IEC60068-2-67 is not passed by this product.
- Recommendation: The devices should be installed in control cabinets of IP54 degree of protection.

Footnotes

[1)] T_{jmax} up to 150°C is allowable for overload conditions, max. time period for the overload condition is 20s.



W1C

Absolute Maximum Ratings				
Symbol	**Conditions**		**Values**	**Unit**
Module				
$I_{overload}$	W1C, sin. 180°, 20 s, T_{jmax} = 150 °C, T_{jstart} = 40 °C		800	A
I_{TSM}	10 ms	T_j = 25 °C	5700	A
		T_j = 125 °C	5200	A
i^2t	10 ms	T_j = 25 °C	162000	A^2s
		T_j = 125 °C	135000	A^2s
V_{RSM}			1900	V
V_{RRM} V_{DRM}			1800	V
T_j			-40 ... + 125	°C
T_{stg}			-40 ... + 125	°C

Characteristics					
Symbol	**Conditions**	**min.**	**typ.**	**max.**	**Unit**
V_T	T_j = 25 °C, I_T = 1000 A			1.9	V
$V_{T(TO)}$	T_j = 125 °C			0.9	V
r_T	T_j = 125 °C			0.8	mΩ
I_{DD};I_{RD}	T_j = 125 °C, V_{RD}=V_{RRM}, per module			80	mA
t_{gd}	T_j = 25 °C, I_G = 1 A, di_G/dt = 1 A/µs		1		µs
t_{gr}	V_D = 0.67 * V_{DRM}		2		µs
$(dv/dt)_{cr}$	T_j = 125 °C		1000		V/µs
$(di/dt)_{cr}$	T_j = 125 °C, f = 50 ... 60 Hz		125		A/µs
t_q	T_j = 125 °C		150		µs
I_H	T_j = 25 °C		150	400	mA
I_L	T_j = 25 °C, R_G = 33 Ω		300	1000	mA
V_{GT}	T_j = 25 °C, d.c.	2			V
I_{GT}	T_j = 25 °C, d.c.	150			mA
V_{GD}	T_j = 125 °C, d.c.			0.25	V
I_{GD}	T_j = 125 °C, d.c.			10	mA
$R_{th(j-r)}$	continuous DC, per thyristor			0.106	K/W
M_t	to terminals	4.25		5.75	Nm
m	approx.		1200		g
Case			2		

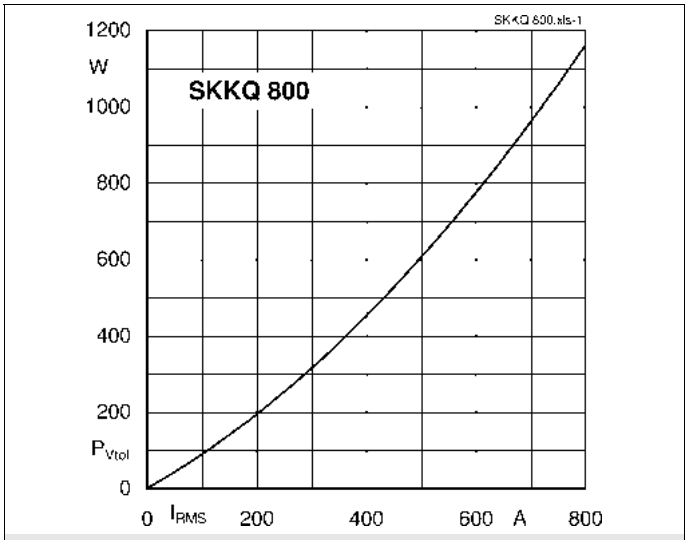


Fig. 1: Power dissipation per module vs. rms current

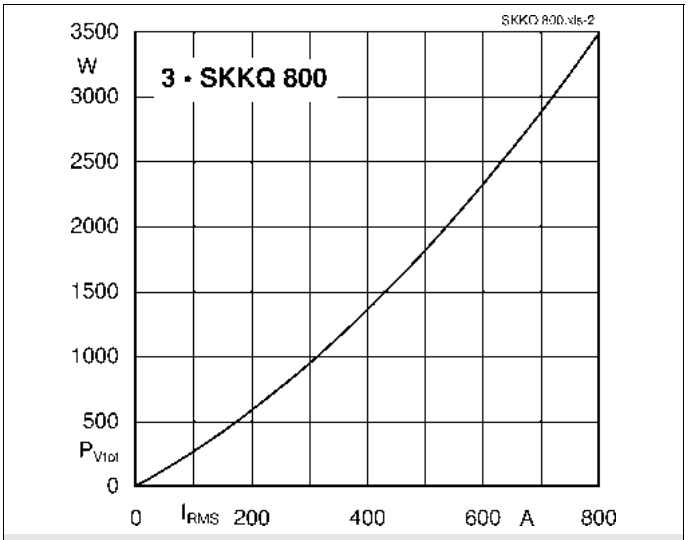


Fig. 2: Power dissipation of three modules vs. rms current

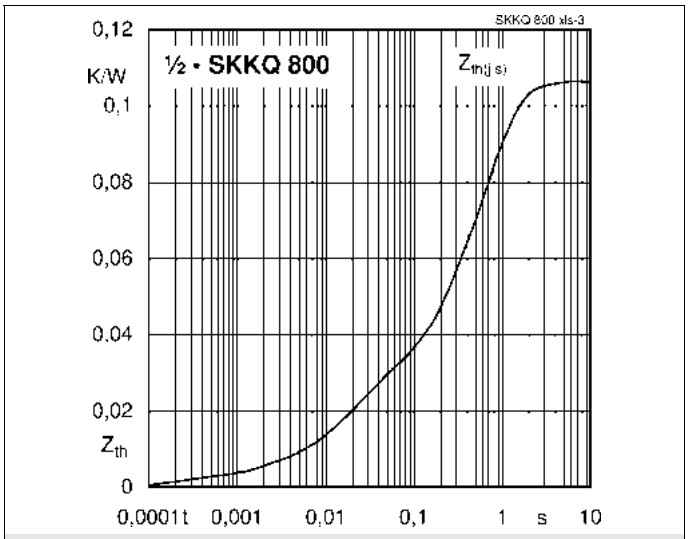


Fig. 3: Transient thermal impedance $Z_{th(j-r)}$ vs. time

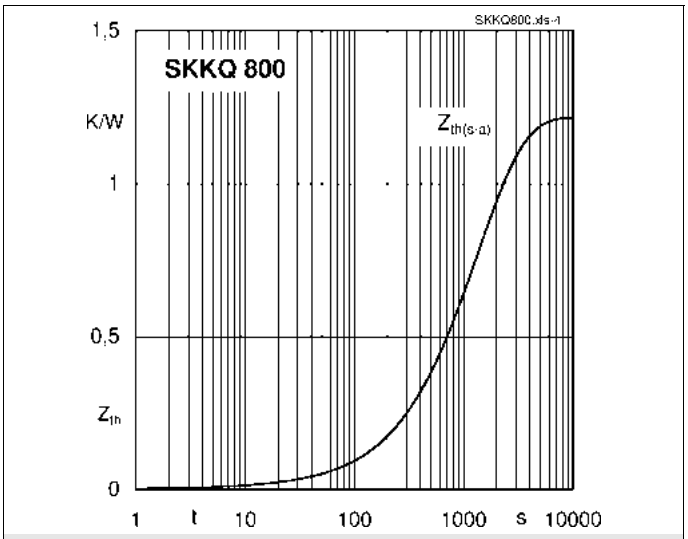


Fig. 4: Typ. transient thermal impedance $Z_{th(s-a)}$ vs. time (natural cooling)

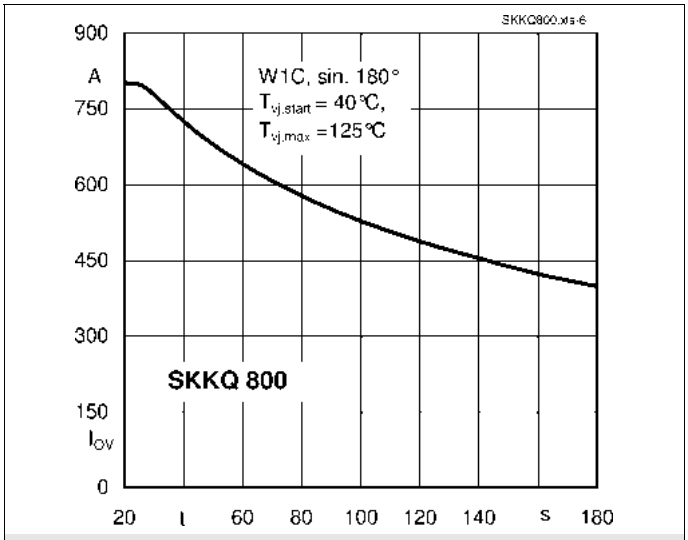


Fig. 6: Typ. overload current vs. time (natural cooling)

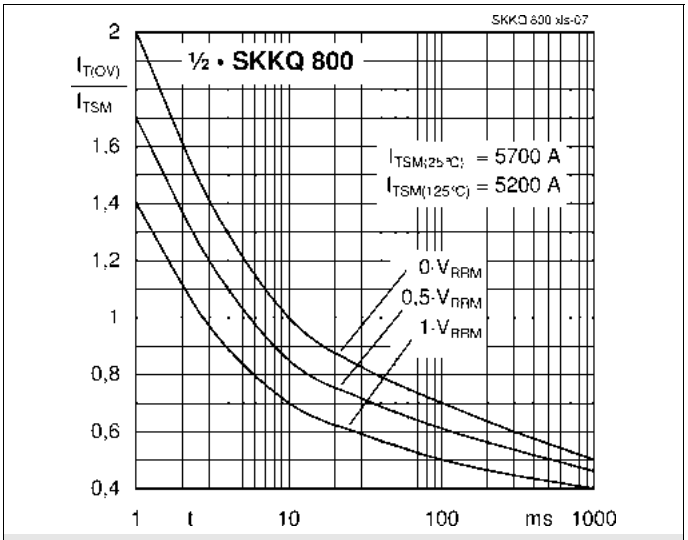
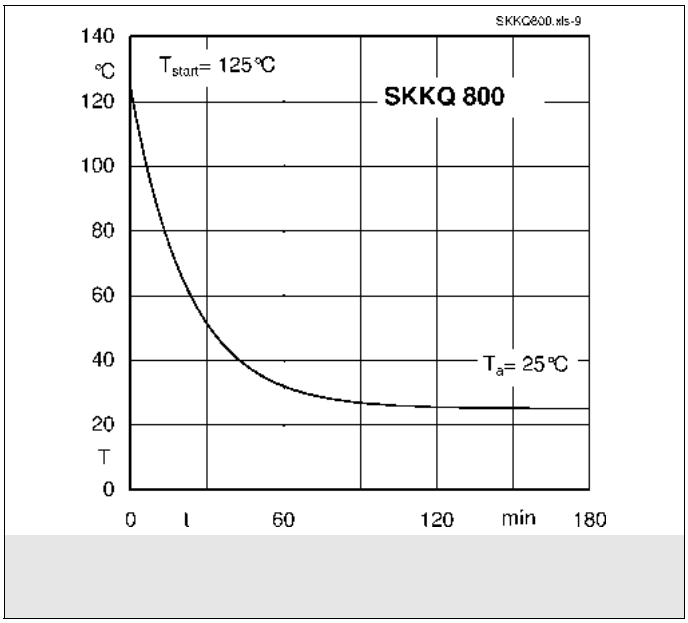
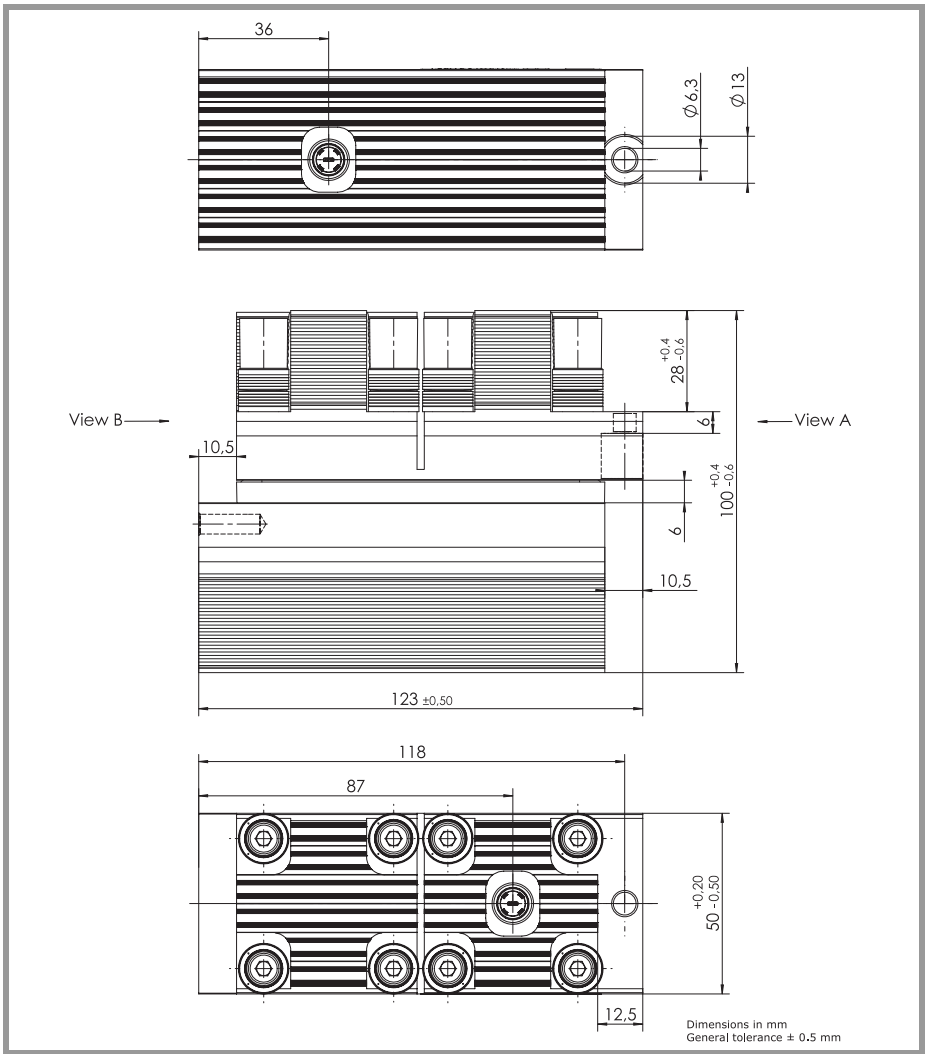
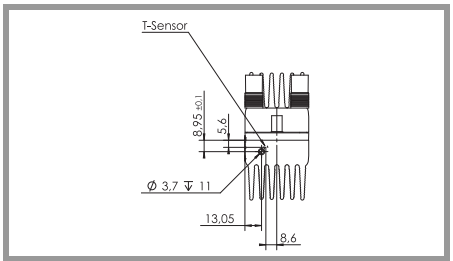


Fig. 7: Surge overload current vs. time

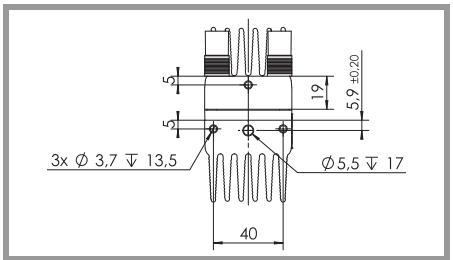

SKKQ800.xls-9
140
°C
120
100
80
60
40
20
T
0
T_{start}= 125°C
SKKQ 800
T_a= 25°C
0
t
60
120
min
180



SEMiSTART 2



View A



View B

This is an electrostatic discharge sensitive device (ESDS), international standard IEC 60747-1, chapter IX.

***IMPORTANT INFORMATION AND WARNINGS**

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