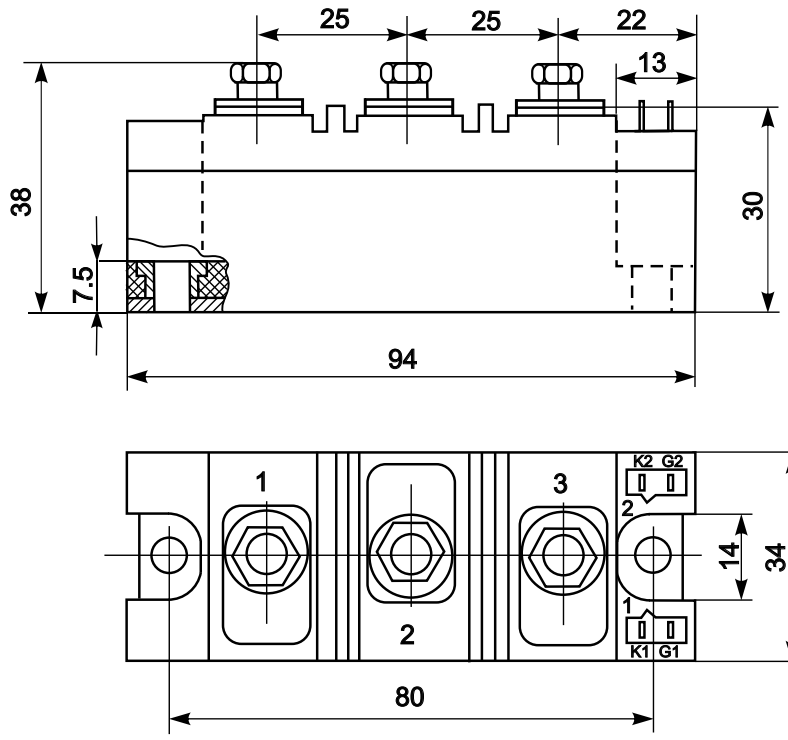
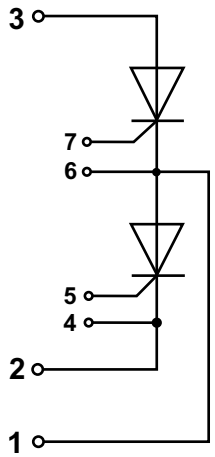
SMTT-100

Thyristor-Thyristor Module

Type	V_{RSM}	V_{RRM}, V_{DRM}
SMTT-160H-08	1000	800
SMTT-160H-12	1400	1200
SMTT-160H-14	1600	1400
SMTT-160H-16	1800	1600
SMTT-160H-18	2000	1800
SMTT-160H-20	2200	2000
SMTT-160H-22	2400	2200
SMTT-160H-24	2600	2400

Type	I_{TAVM}	I_{TRMS}	T_c	I_{TSM}	(di/dt)cr	(dv/dt)cr	V_{TM}	I_{TM}	V_{TO}	r_T	t_q	V_{GT}	I_{GT}	T_{VJM}	V_{isol}	R_{thJC}
	A	A	°C	kA	A/µs	V/µs	V	A	V	mΩ	µs	V	mA	°C	V	K/W
SMTT-160H	160	290	85	5.4	100	500	1.9	480	0.85	1.6	150	2.5	100	125	2500	0.2





Features:

- Industrial standard package
- Heat tranasfer through aluminium nitride ceramic isolated metal baseplate
- Precise internal pressure contacts for high reability
- 2500V RMS isolation voltage

Typical Applications:

- DC motor control
- AC motor soft starter
- Temperature control (e.g. for ovens, chemical processes)
- Lighting control