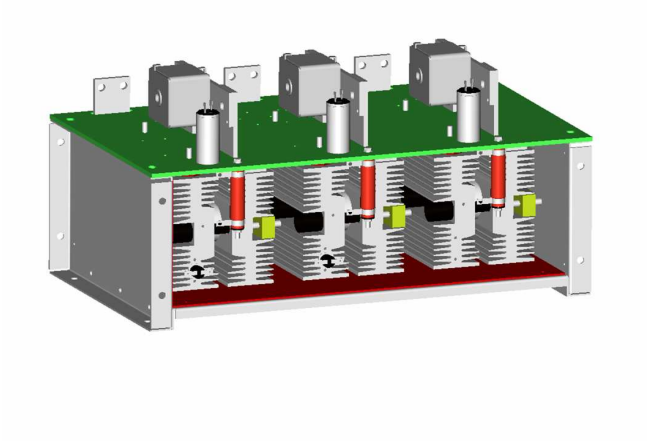
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GOA9xx09

THREE PHASE AC-SWITCH

Fuse protection
Temperature sensors
Snubber for SCR's protections

LINE VOLTAGE UP TO **500 V**
RMS OUTPUT CURRENT **900 A**

	GOA95009	GOA94009
Line to line voltage	**500 V**	**400 V**

Characteristic		Conditions	Value
I_{RMS}	R.M.S. output current	Cooling fans: 3 x W2S130-AA03 01 (EBM) @ Ta=40℃	900 A
V_{INS} (rms)	Insulation voltage		3000 V

THYRISTOR TRIGGERING CHARACTERISTICS

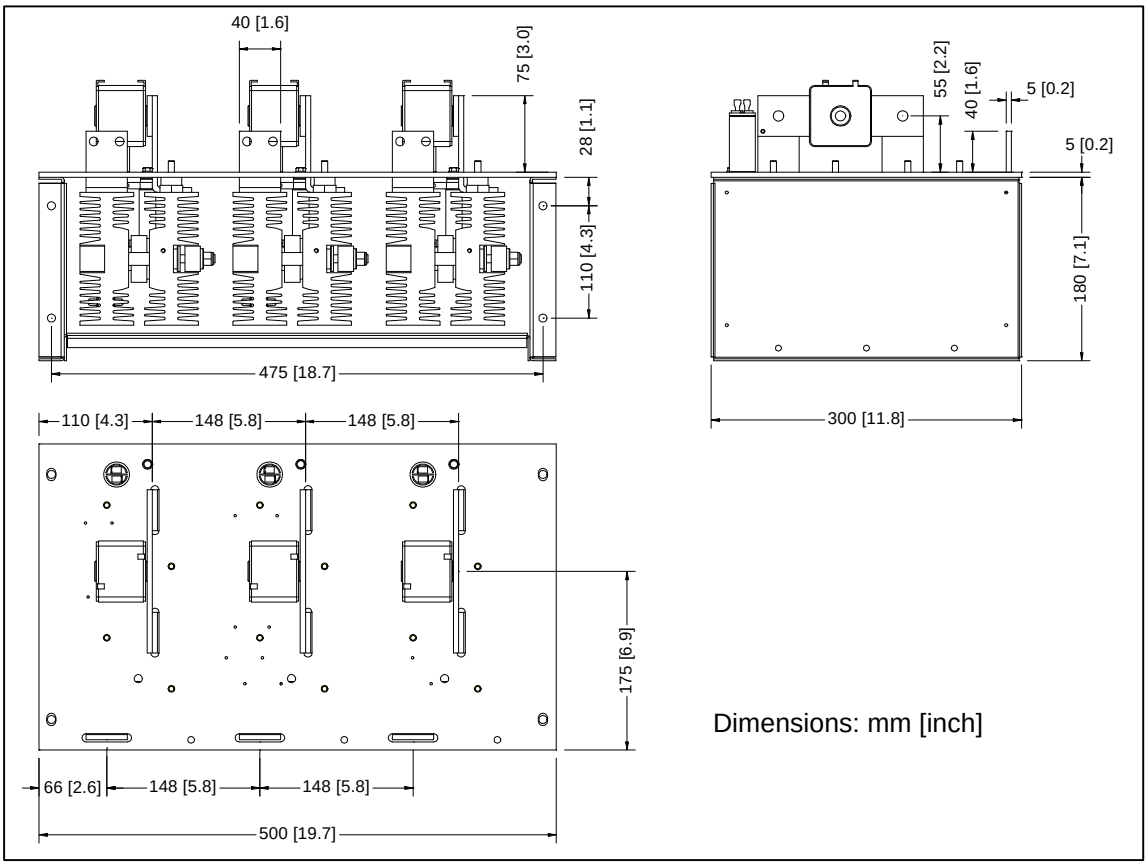
V_{GT}	Gate trigger voltage	T_j = 25 ℃, V_D = 5 V	2.5 V
I_{GT}	Gate trigger current	T_j = 25 ℃, V_D = 5 V	250 mA

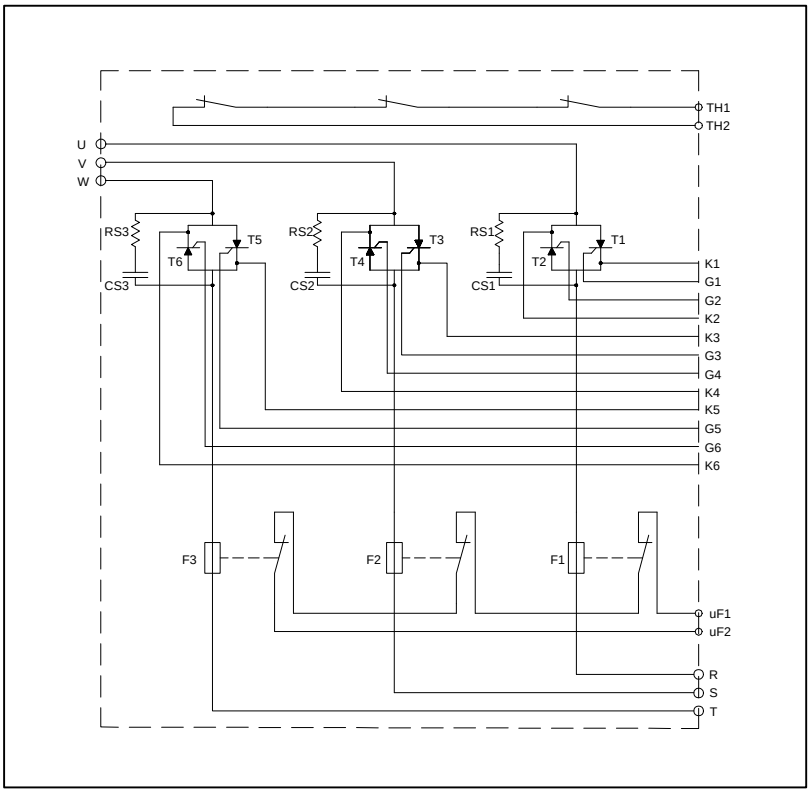
FUSE TYPE SIBA 2067132.1000

V_{NF}	Rated voltage		690 V
I_{NF}	Rated current		1000 A
P_{VF}	Power loss	At rated current	115 W
I^2t		Line voltage 500 V	970 kA^2s

MECHANICAL AND THERMAL CHARACTERISTICS

	Width		500 mm
	Depth		300 mm
	Height		250 mm
	Mass		30 kg
Ta max	Max ambient operating temperature		40 ℃
Tstg	Storage temperature		-40 / 125 ℃





In the interest of product improvement Green Power Semiconductors reserves the right to change any specification given in this data sheet without notice.