

GOA9xx02W

THREE PHASE AC-SWITCH

- Fuse protection
- Temperature sensors
- Snubber for SCR's protections
- Water cooling
- Lowest overall dimensions

LINE VOLTAGE UP TO 500V

OUTPUT PHASE CURRENT 250A

GOA940... GOA950...

Line to line voltage		400	500
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Characteristic		Conditions	Value	Value
I_{RMS}	Output phase current		250 A	250 A
V_{INS} (rms)	Insulation voltage		3000 V	3000 V

THYRISTOR CHARACTERISTICS

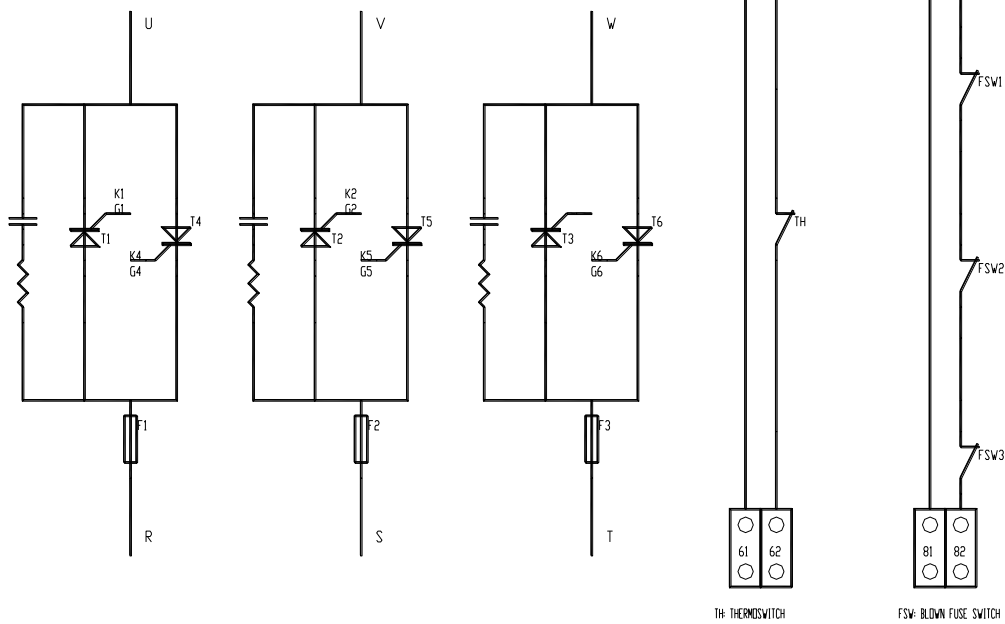
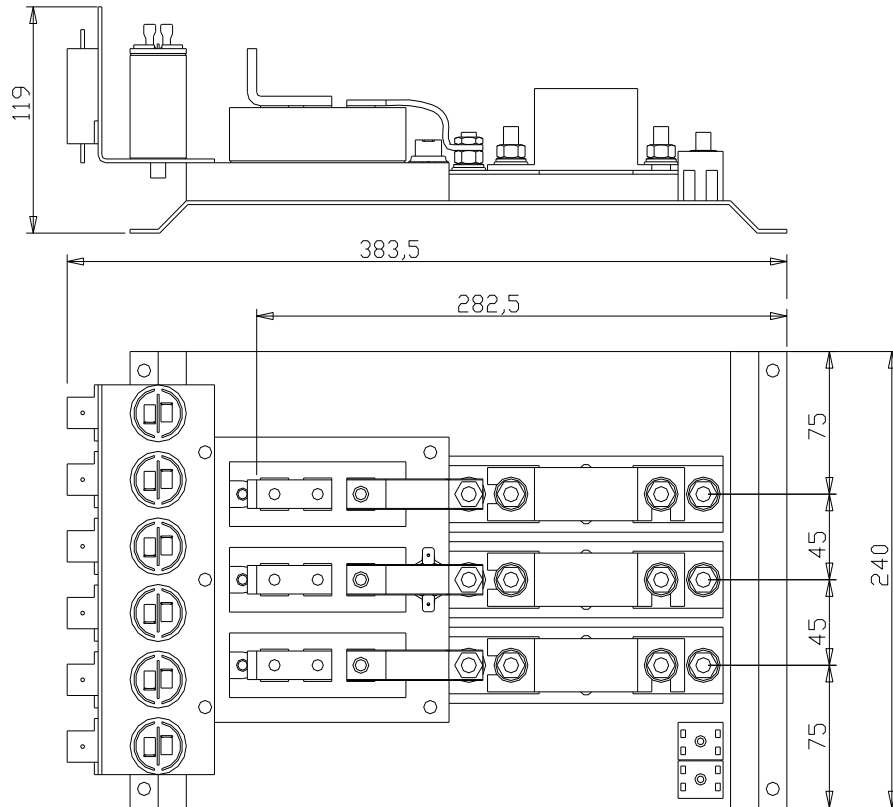
V_{GT}	Gate trigger voltage	$T_j = 25\text{ °C}, V_D = 5\text{ V}$	3 V	3 V
I_{GT}	Gate trigger current	$T_j = 25\text{ °C}, V_D = 5\text{ V}$	300 mA	300 mA
dV/dt	Critical rate of rise off-state voltage	$T_j = 125\text{ °C}$	1000 V/us	1000 V/us
V_{RRM}	Blocking Voltage	$T_j = 125\text{ °C}$	1200 V	1600 V

FUSE TYPE SIBA 2041220.200

V_{NF}	Rated voltage		690 V	690 V
I_{NF}	Rated current		200 A	200 A

MECHANICAL AND THERMAL CHARACTERISTICS

	Width		240 mm	240 mm
	Depth		119 mm	119 mm
	Height		384 mm	384 mm
	Mass		20 kg	20 kg
T_w max	Max water Temp.		30 °C	30 °C
T_{stg}	Storage temperature		-40/60 °C	-40/60 °C



Th- THERMOSWITCH
FSW- BLOWN FUSE SWITCH

61-62- THERMOSWITCH CIRCUIT CONNECTION
81-82- BLOWN FUSE SWITCH CIRCUIT CONNECTION

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