

GOG96024

THREE PHASE AC-DC BRIDGE

- Fuse protection
- Blown fuse indicators with microswitch
- Over temperature switches
- Fan loss detection circuit
- Snubber for SCR's protections
- Extractible stacks for easy field service

LINE VOLTAGE UP TO 690V

DC OUTPUT CURRENT 2400 A

GOG96024

Line to line voltage	690 V
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Characteristic		Conditions	Value
I _{DC}	DC output current		2400 A
V _{INS} (rms)	Insulation voltage		3000 V

THYRISTOR CHARACTERISTICS

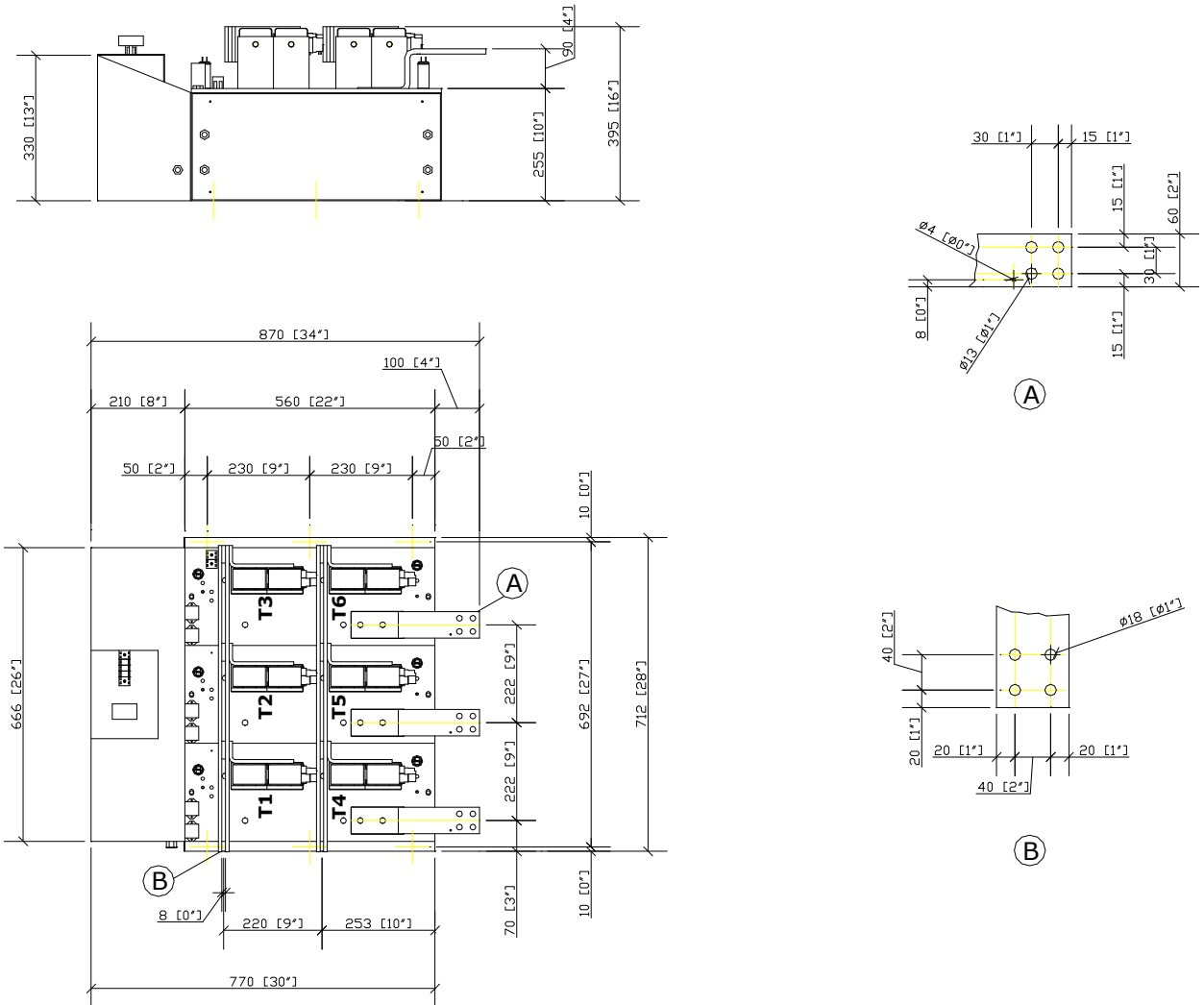
V _{GT}	Gate trigger voltage	T _j = 25 °C, V _D = 5 V	3 V
I _{GT}	Gate trigger current	T _j = 25 °C, V _D = 5 V	400 mA
dV/dt	Critical rate of rise off-state voltage	T _j = 125 °C	1000 V/us
V _R RM	Blocking Voltage	T _j = 125 °C	2200 V

FUSE TYPE: 2 x SIBA 2068132.700

V _{NF}	Rated voltage		690 V
I _{NF}	Rated current		700 A
P _{VF}	Power loss	At rated current	113 W
I ² t	Total I ² t	At 660 V	300 kA ² s

MECHANICAL AND THERMAL CHARACTERISTICS

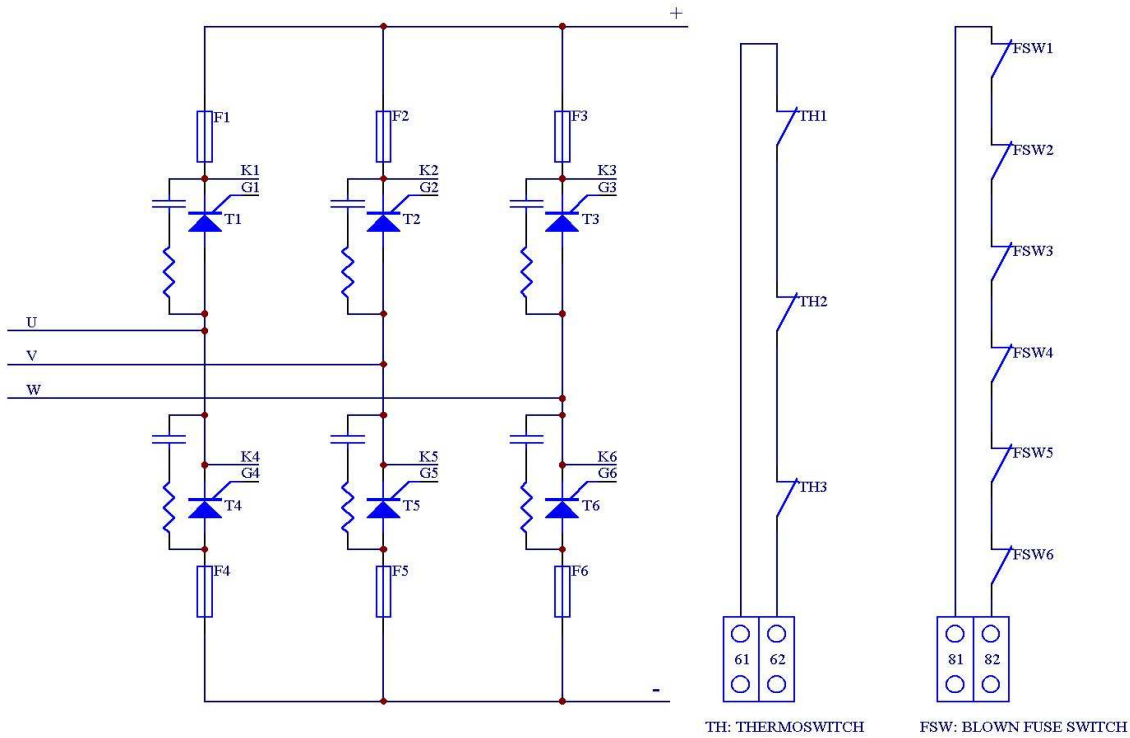
	Width		712 mm
	Depth		395 mm
	Height		855 mm
	Mass		140 kg
T _a max	Max amb. op. Temp.		40 °C
T _{stg}	Storage temperature		-40/60 °C



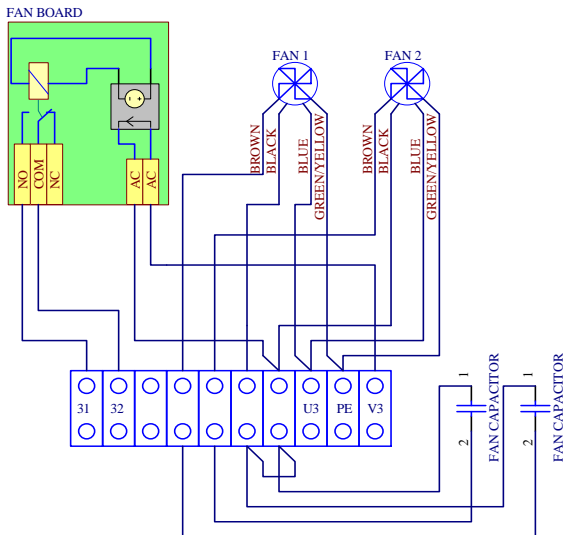
The part numbering system is reported at the beginning of the Open Assembly section.

Customisations are available on request. Please contact factory.

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



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



U3-V3: MAIN SUPPLY
PE: GROUND CONNECTION (GND)
31-32: FAN BOARD CONTACT (CLOSED WHEN FAN RUNNING)

Cooling:

Fan type:	single phase axial
Number of fans:	2
Voltage:	230 V
Current:	0.6 A
Frequency:	50/60 Hz
Noise:	62 dBA

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