

GOG91K28

THREE PHASE AC-DC BRIDGE

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

LINE VOLTAGE UP TO 1000V

DC OUTPUT CURRENT 2800 A

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Line to line voltage	1000 V
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Characteristic		Conditions	Value
I _{DC}	DC output current		2800 A
V _{INS} (rms)	Insulation voltage	1 min. (IEC 1461.1)	3000 V

THYRISTOR CHARACTERISTICS

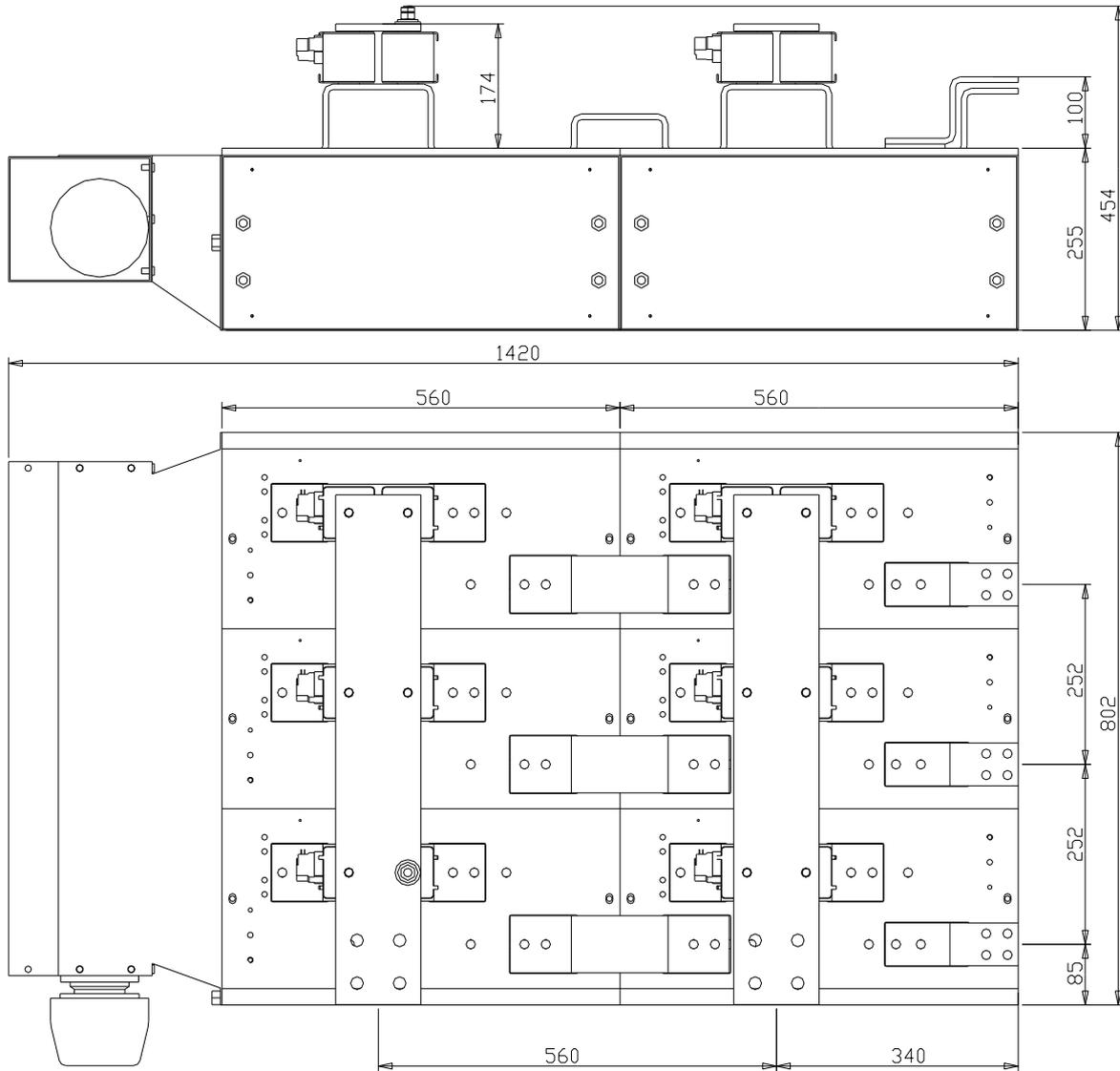
V _{GT}	Gate trigger voltage	T _j = 25 °C, V _D = 5 V	3 V
I _{GT}	Gate trigger current	T _j = 25 °C, V _D = 5 V	400 mA
dV/dt	Critical rate of rise off-state voltage	T _j = 125 °C	1000 V/us
V _{RRM}	Blocking Voltage	T _j = 125 °C	2800 V

FUSE TYPE: 2 x SIBA 2078132.900

V _{NF}	Rated voltage		1250 V
I _{NF}	Rated current		900 A
P _{VF}	Power loss	At rated current	140 W
I ² _t	Total I ² t	At 1000 V	1300 kA ² s

MECHANICAL AND THERMAL CHARACTERISTICS

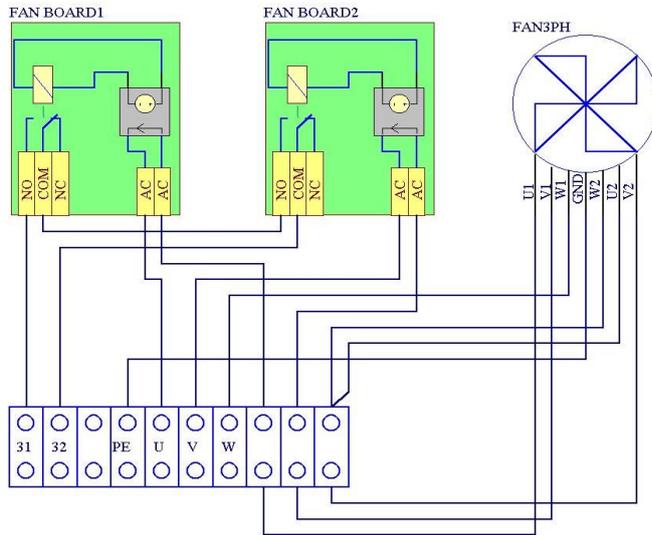
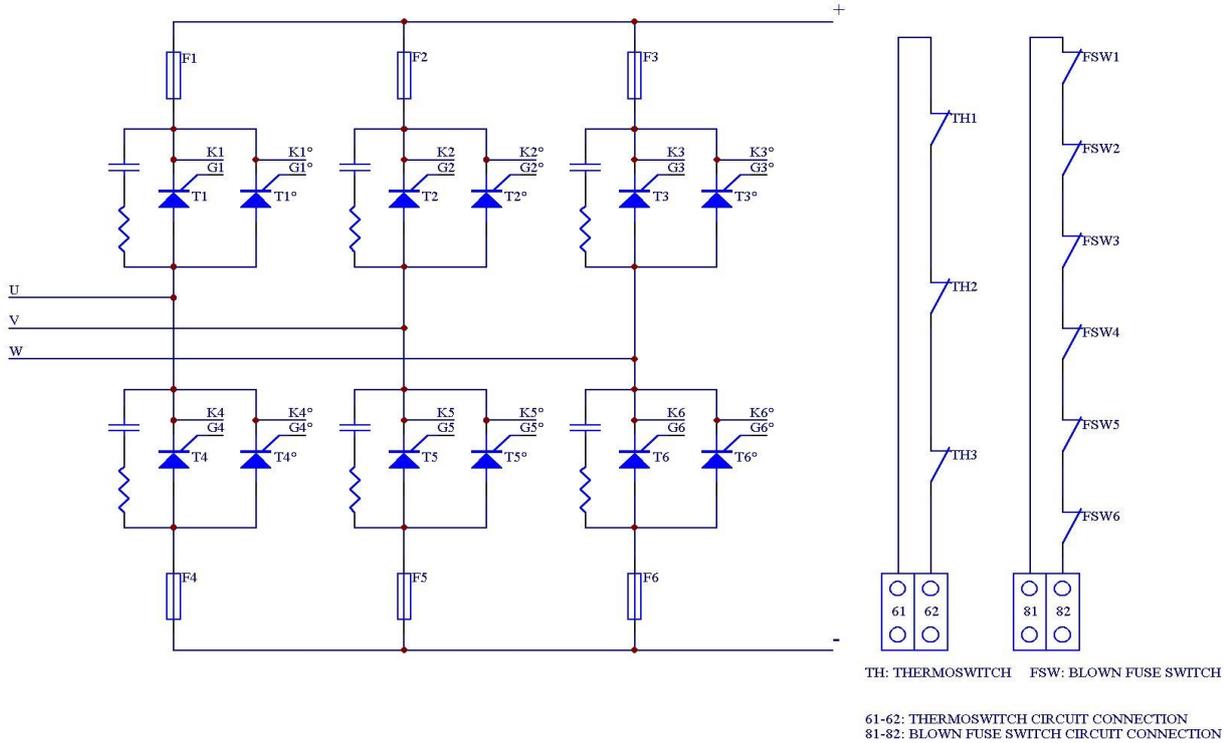
	Width		802 mm
	Depth		495 mm
	Height		1420 mm
	Mass		200 kg
T _{a max}	Max amb. op. Temp.		40 °C
T _{stg}	Storage temperature		-40/60 °C



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.



U-V-W: MAIN SUPPLY
PE: GROUND CONNECTION (GND)
31-32: FAN BOARD CONTACT (CLOSED WHEN FAN RUNNING)

Cooling:

Fan type: three phase cross flow
Number of fans: 1
Voltage: 380 V
Current: 1.4 A
Frequency: 50/60 Hz
Noise: 75 dBA

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