

GOB9xx18

BI-DIRECTIONAL THREE PHASE AC-DC BRIDGE

Fuse protection
Temperature sensors
Snubber for SCR's protections
Extractible stacks for easy field service

LINE VOLTAGE UP TO 500V
DC OUTPUT CURRENT 1800 A

GOB94018 GOB95018

Line to line voltage	400 V	500 V
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Characteristic		Conditions	Value	Value	
I _{DC}	DC output current		1800 A	1800 A	
V _{INS} (rms)	Insulation voltage		3000 V	3000 V	

THYRISTOR TRIGGERING CHARACTERISTICS

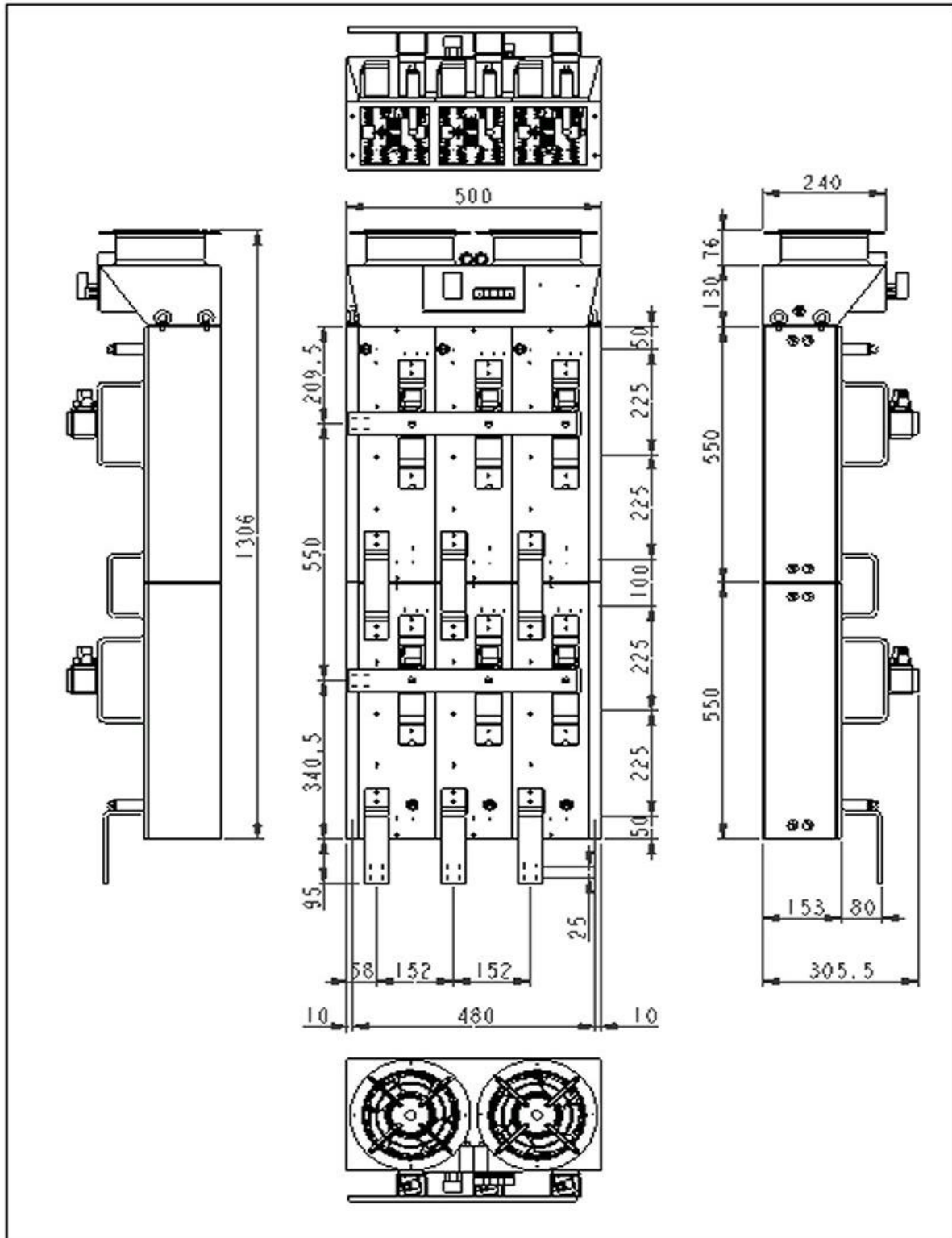
V _{GT}	Gate trigger voltage	T _j = 25 °C, V _D = 5 V	3 V	3 V	
I _{GT}	Gate trigger current	T _j = 25 °C, V _D = 5 V	300 mA	300 mA	
dV/dt	Critical rate of rise off-state voltage	T _j = 125 °C	1000 V/us	1000 V/us	
V _{RRM}	Blocking Voltage	T _j = 125 °C	1200 V	1600 V	

FUSE TYPE SIBA 2068132.1250

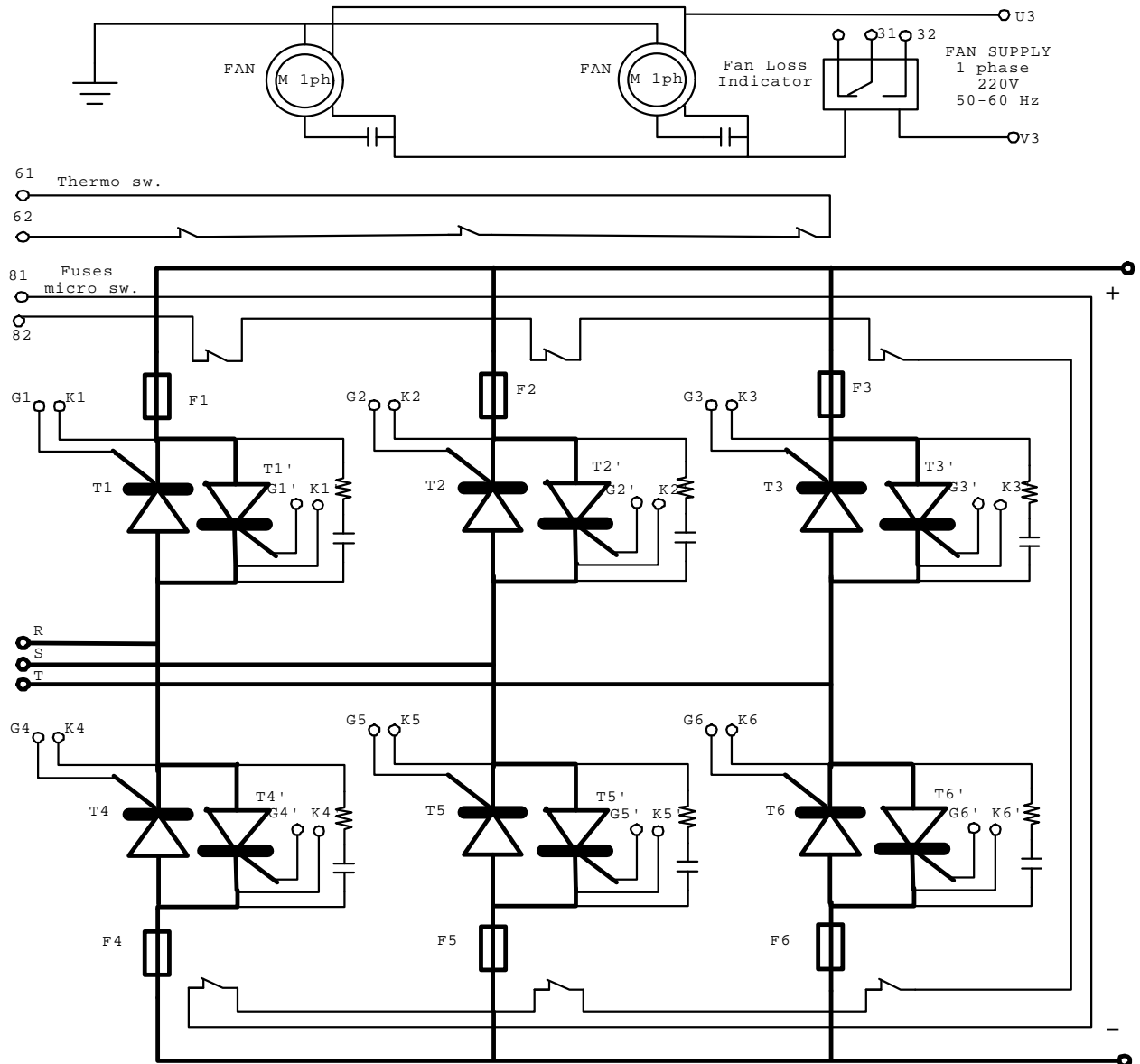
V _{NF}	Rated voltage		690 V	690 V	
I _{NF}	Rated current		1250 A	1250 A	
P _{VF}	Power loss	At rated current	147 W	147 W	
I ² _t	Total I ² _t	At 660V	1750 kA ² s	1750 kA ² s	

MECHANICAL AND THERMAL CHARACTERISTICS

	Width		500 mm	500 mm	
	Depth		375 mm	375 mm	
	Height		1405 mm	1405 mm	
	Mass		130 kg	130 kg	
T _{a max}	Max amb. op. Temp.		40 °C	40 °C	
T _{stg}	Storage temperature		-40/60 °C	-40/60 °C	



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