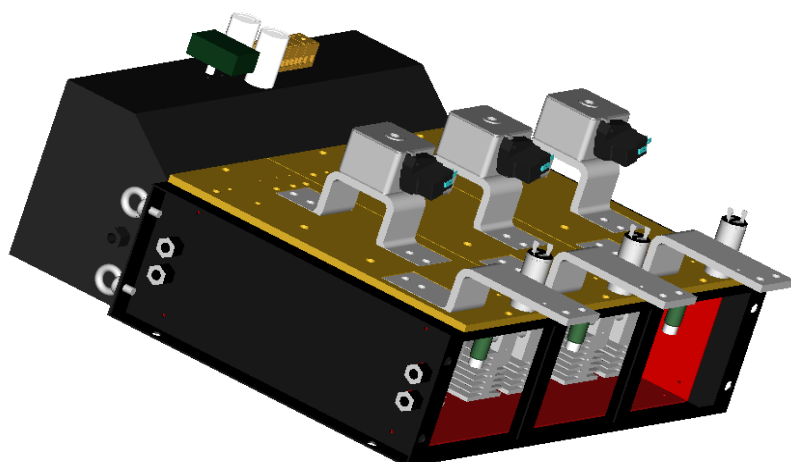




GOA9xx10

THREE PHASE AC-SWITCH

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 500V
RMS OUTPUT CURRENT 1000 A

GOA94010 GOA95010

Line to line voltage	400 V	500 V
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Characteristic	Conditions	Value	Value	
I _{RMS}	RMS output current	1000 A	1000 A	
V _{INS} (DC)	Insulation voltage	3000 V	3000 V	

THYRISTOR CHARACTERISTICS

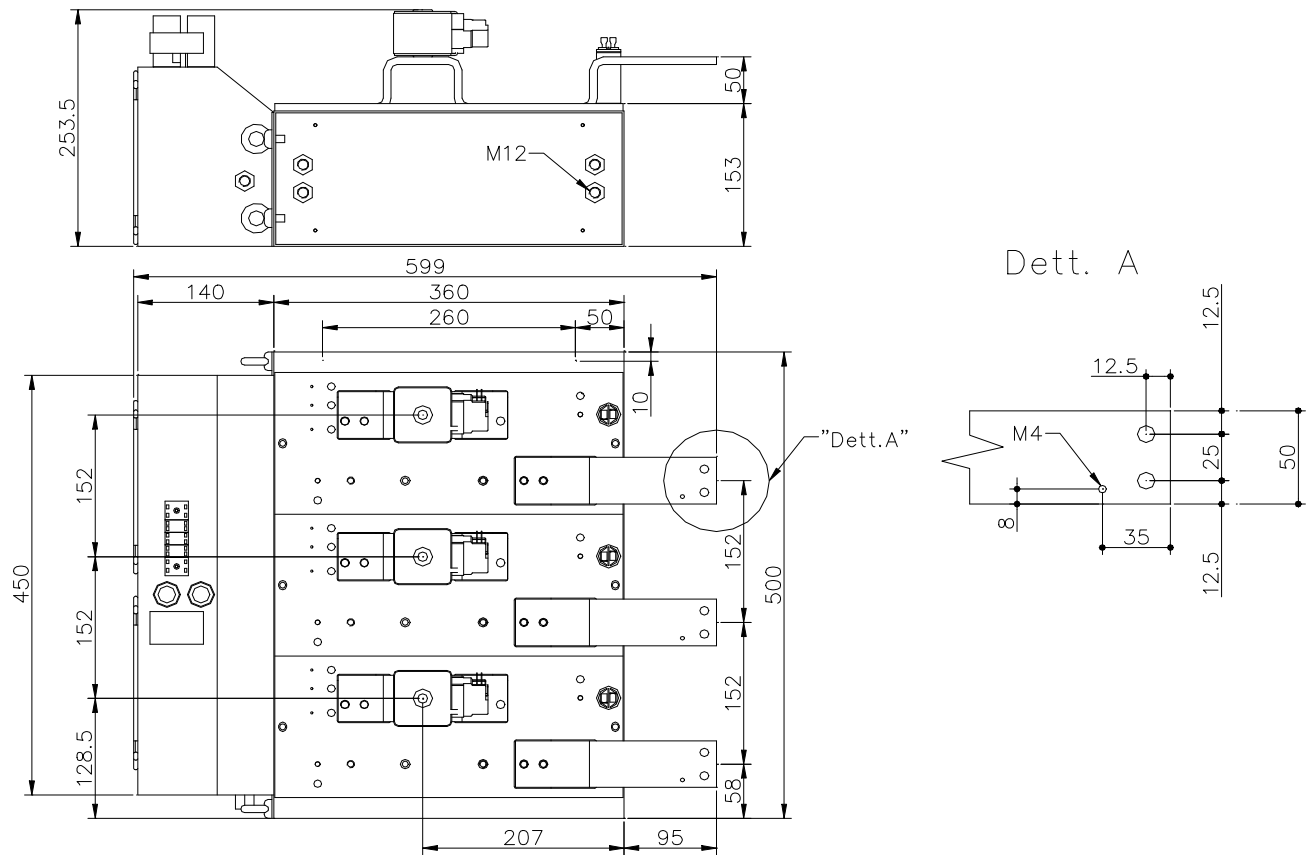
V _{GT}	Gate trigger voltage	T _j = 25 °C, V _d = 5 V	3 V	3 V	
I _{GT}	Gate trigger current	T _j = 25 °C, V _d = 5 V	300 mA	300 mA	
dV/dt	Critical rate of rise off-state voltage	T _j = 125 °C	1000 V/us	1000 V/us	
V _{RRM}	Blocking Voltage	T _j = 125 °C	1200 V	1600 V	

FUSE TYPE SIBA 2068132.1100

V _{NF}	Rated voltage		690 V	690 V	
I _{NF}	Rated current		1100 A	1100 A	
P _{VF}	Power loss	At rated current	136 W	136 W	
I ² _t	Total I ² _t	At 660V	1200 kA ² s	1200 kA ² s	

MECHANICAL AND THERMAL CHARACTERISTICS

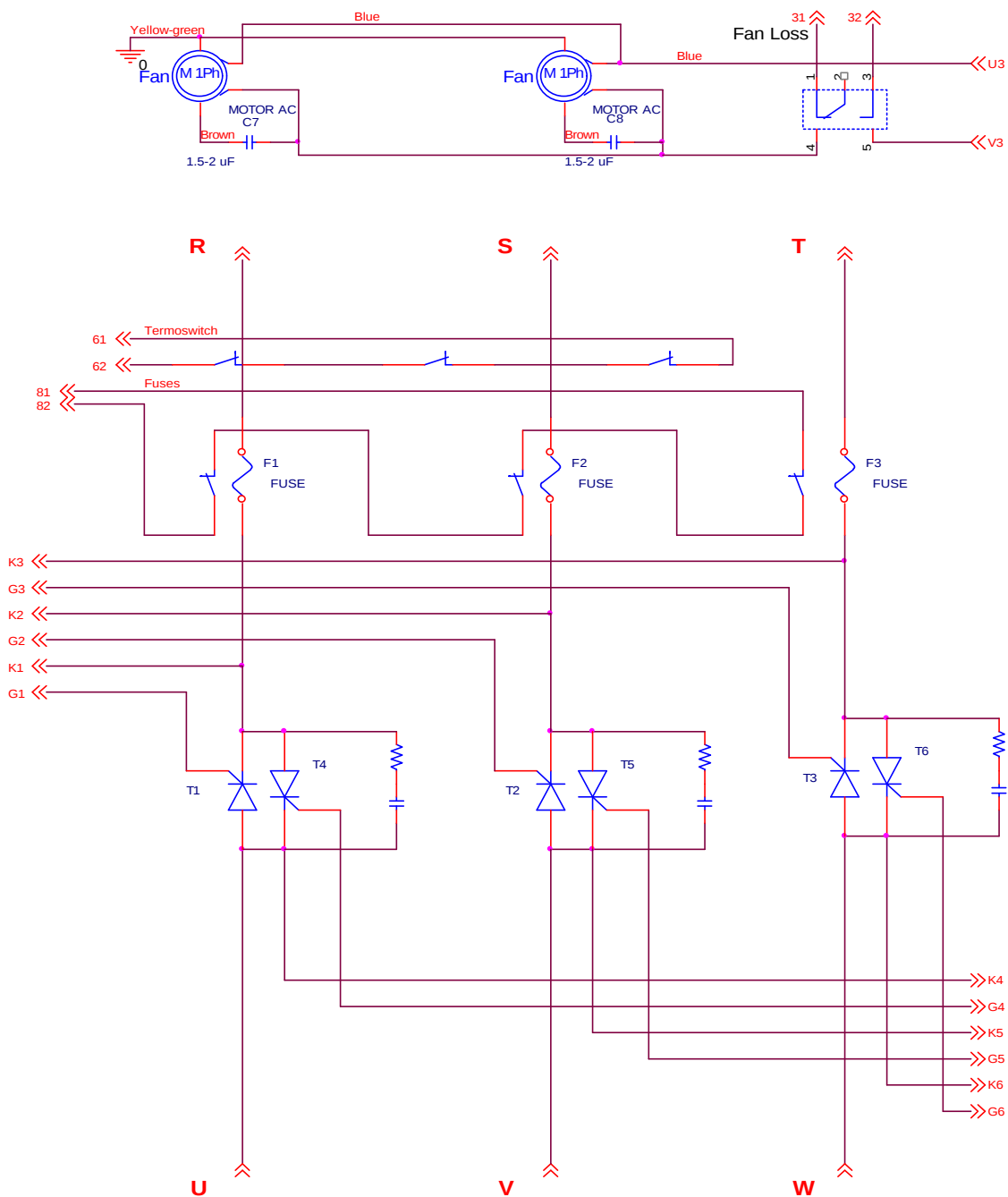
	Width		500 mm	500 mm	
	Depth		275 mm	275 mm	
	Height		655 mm	655 mm	
	Mass		65 kg	65 kg	
T _{a max}	Max amb. op. Temp.		40 °C	40 °C	
T _{stg}	Storage temperature		-40/60 °C	-40/60 °C	



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.



Cooling:

Fan type:	single phase axial
Number of fans:	2
Voltage:	230 V
Current:	0.4 A
Frequency:	50/60 Hz
Noise:	62 dBA

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