

# GOA76012

## SINGLE PHASE AC-SWITCH

Water cooled  
 UL-certified material

**LINE VOLTAGE UP TO 690 V**  
**RMS OUTPUT CURRENT 1200 A**



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Line to line voltage				<b>690 V</b>
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Characteristic		Conditions		Value
I <sub>RMS</sub>	R.M.S. output current	Water flow 5 l/min		1200 A
		T water 30 °C		

### THYRISTOR CHARACTERISTICS

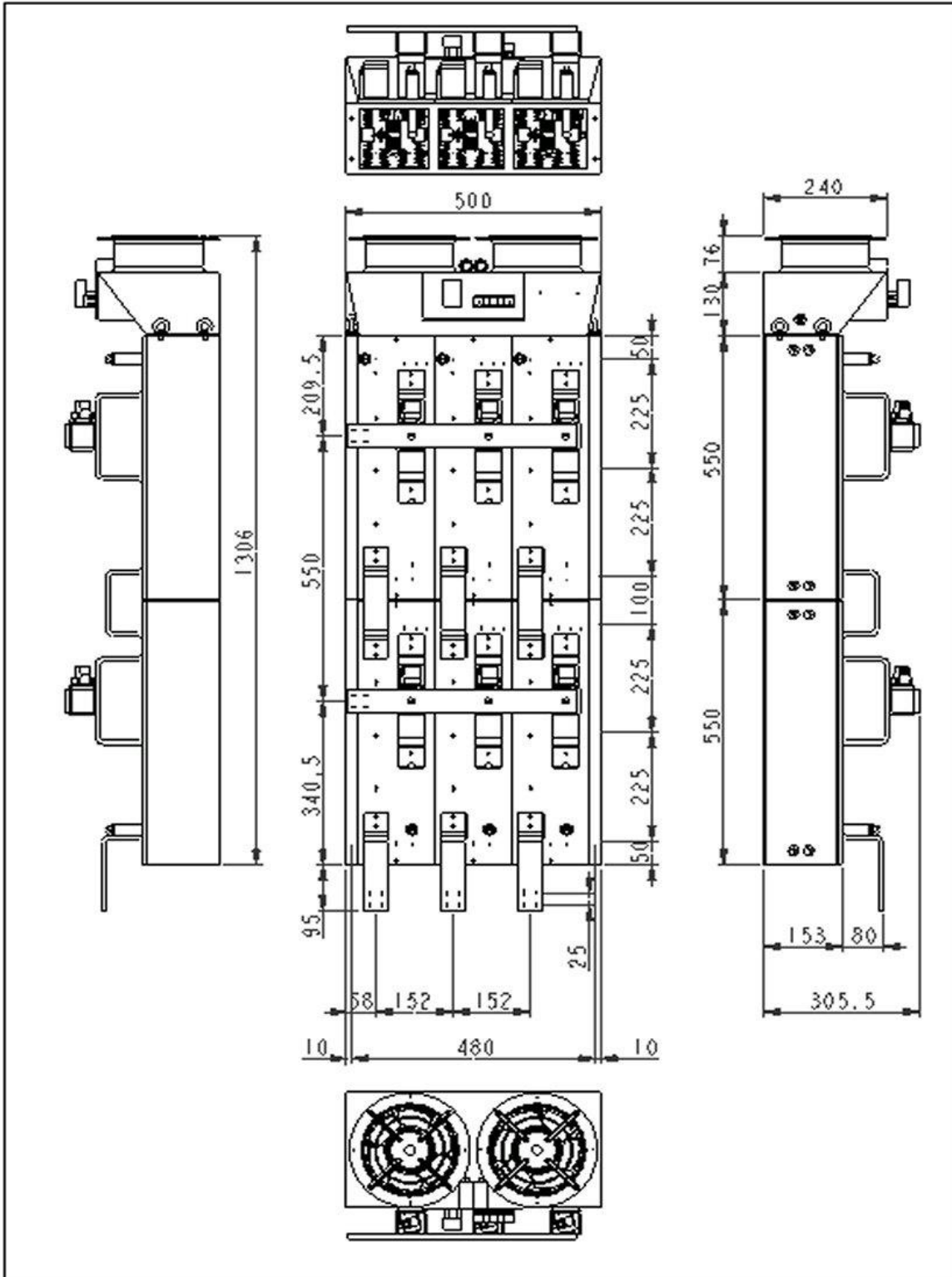
V <sub>GT</sub>	Gate trigger voltage	T <sub>j</sub> = 25 °C, V <sub>D</sub> = 5 V		3.5 V
I <sub>GT</sub>	Gate trigger current	T <sub>j</sub> = 25 °C, V <sub>D</sub> = 5 V		200 mA
dV/dt	Critical rate of rise off-state voltage	T <sub>j</sub> = 125 °C		500 V/us
V <sub>RRM</sub>	Blocking Voltage	T <sub>j</sub> = 125 °C		1600 V

### MECHANICAL AND THERMAL CHARACTERISTICS

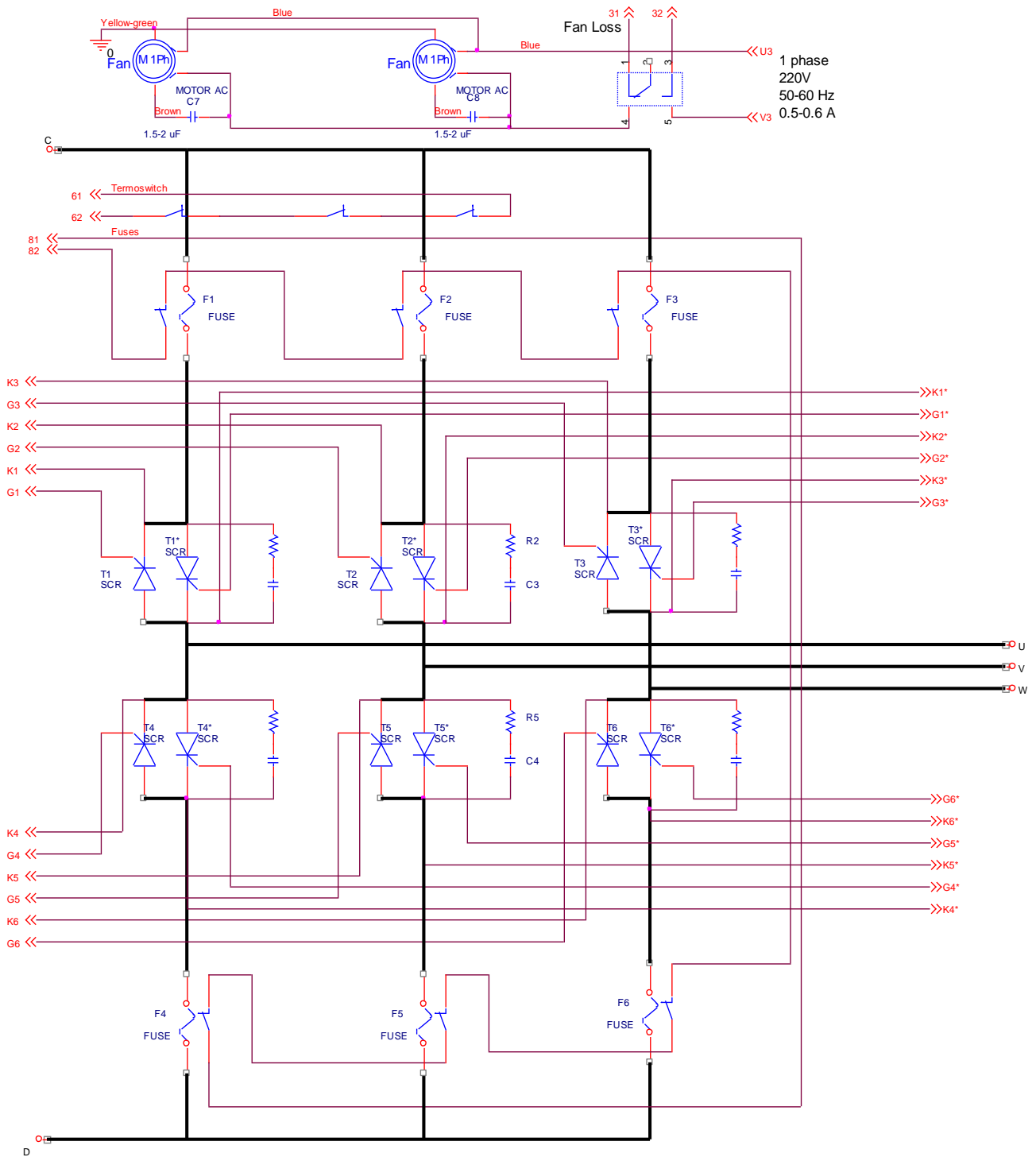
	Mass			3 kg
T <sub>a</sub> max	Max amb. op. Temp.			40 °C
T <sub>j</sub> max	Max. junction temperature			125 °C

### ORDERING INFORMATION

GOA7.... - ABCD				
<b>A</b>	Water connection	0 - None	1 -Rubber-hose connection	2 - Quick coupling
<b>B</b>	Water circuit	0 - None	1 -Rrubber tube	2 - Rilsan® tube
<b>C</b>	Terminal board	0 - Not present	1 - Present	
<b>D</b>	Power connection	0 - Threaded holes	1 - "S" shaped bars	



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



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