



# GOA7xxxx

## SINGLE PHASE AC-SWITCH

Water cooled  
Plastic case SCR's

**LINE VOLTAGE UP TO 690V**  
**OUTPUT CURRENT UP TO 1800A**

	GOA70518	GOA74011	GOA76011
Line to line voltage	50 V	400 V	690 V

Characteristic		Conditions	Value	Value	Value
$I_{RMS}$	R.M.S. output current	Water flow 5 l/min	1800 A	1170 A	1170 A
		T water 30 °C			

### THYRISTOR CHARACTERISTICS

$V_{GT}$	Gate trigger voltage	$T_j = 25\text{ °C}$ , $V_D = 5\text{ V}$	3 V	3,5 V	3,5 V
$I_{GT}$	Gate trigger current	$T_j = 25\text{ °C}$ , $V_D = 5\text{ V}$	150 mA	200 mA	200 mA
$dV/dt$	Critical rate of rise off-state voltage	$T_j = 125\text{ °C}$	500 V/us	500 V/us	500 V/us
$V_{RRM}$	Blocking Voltage	$T_j = 125\text{ °C}$	400 V	1600 V	1600 V

### MECHANICAL AND THERMAL CHARACTERISTICS

	Mass		3 kg	3 kg	3 kg
$T_a\text{ max}$	Max amb. op. Temp.		40 °C	40 °C	40 °C
$T_j\text{ max}$	Max. junction temperature		150 °C	125 °C	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 - Rubber 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	