



GOA7xxxx

SINGLE PHASE AC-SWITCH

Water cooled
Plastic case SCR's

LINE VOLTAGE UP TO 690V
OUTPUT CURRENT 2300A

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

		GOA70510	GOA76012	GOA76012	
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				
A	Water connection	0 - None	1 - Rubber-hose connection	2 - Quick coupling
B	Water circuit	0 - None	1 - Rubber tube	2 - Rilsan® tube
C	Terminal board	0 - Not present	1 - Present	
D	Power connection	0 - Threaded holes	1 - "S" shaped bars	