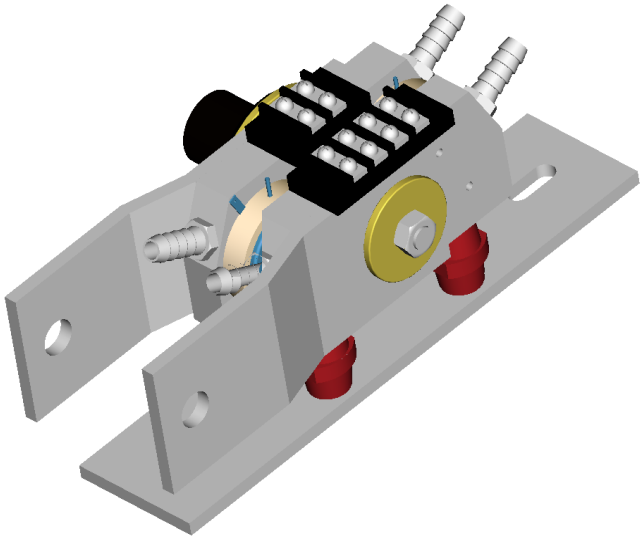
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GOA7xxxx

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

MECHANICAL AND THERMAL CHARACTERISTICS

	Mass		3 kg	3 kg	3 kg
Ta max	Max amb. op. Temp.		40 °C	40 °C	40 °C
Tj 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	