



GOA76012

SINGLE PHASE AC-SWITCH

Water cooled
UL-certified material

LINE VOLTAGE UP TO 690 V
RMS OUTPUT CURRENT 1200 A

GOA76012

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

THYRISTOR CHARACTERISTICS

V _{GT}	Gate trigger voltage	T _j = 25 °C, V _d = 5 V		3,5 V
I _{GT}	Gate trigger current	T _j = 25 °C, V _d = 5 V		200 mA
dV/dt	Critical rate of rise off-state voltage	T _j = 125 °C		500 V/us
V _{RRM}	Blocking Voltage	T _j = 125 °C		1600 V

MECHANICAL AND THERMAL CHARACTERISTICS

	Mass			3 kg
T _a max	Max amb. op. Temp.			40 °C
T _j max	Max. junction temperature			125 °C

ORDERING INFORMATION

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