



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 |
|----------------------|--|--|--|--------------|

GOA76012

| 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 | |