



Solid state contactors (SSC)

Solid State Contactor (SSC) is newly-developed SSR application unit that is created by following the AC contactor using mode. It is based on power SSR and equipped with radiator, protection housing, mounting clip, etc. It is a control integration unit with comprehensive functions which make it best substitute for AC contactor.

The GDC Series single-phase SSC and SGTC Series SSC are designed and produced in accordance with international Vulgate standard, which feature the following characteristics:

1. GDC Series products are designed for single-phase loads.
2. GTC Series products are designed for 3-phase loads.
3. Rated current: 10-500A.
4. Rated voltage: 280V, 480V, 530V.
5. Switch mode can be either random-on or reach-zero-on.
6. Insulating voltage 2500V.
7. International standard mounting clip, quick and stable.
8. Double SCR inverse parallel outputs.
9. Controlling voltage: DC 4-16 or 3-32V, AC 90-250V.
10. LED input display.

Ordering key

G T C 60 48 Z D1
 1 2 3 4 5 6 7

- 1: Greegoo
- 2: Switched mode
- 3: Solid state contactor
- 4: Rated operational current
- 5: Rated operational voltage
- 6: Control mode
- 7: Input control voltage

Type selection

Switched mode	D:Single-phase ; T:3-phase
Rated operational current	Amp.
Rated operational voltage	volt*10
control mode	Z: Zero Voltage, R: Random Switching.
Input Control voltage	D1: DC 4-16V, D3: DC 3-32V, A2: AC 90-250V.

Example: GTC6048ZD1

It shows the production of GREEGOO.
 Work current: 60A, Working voltage :480V control voltage is DC 4-16V "over -zero" three Alternating Solid Relay.

Attention

Due to the SSC is composed of SSR ,radiator, defense covering, fixing pinch etc ,made to meet the needs of customers. So all series of SSR productions can be equipped for SSR. Except the typical structure of the picture .we can design and make varies of SSC by the needs of the customers. Including the high-power wind-cool and water-cool type.

In order to make the production for you meet your need best .please offer the using condition when ordering .Including the type of load, power, current, voltage, control-voltage space of equipment, surrounding condition etc.