

## Safety components

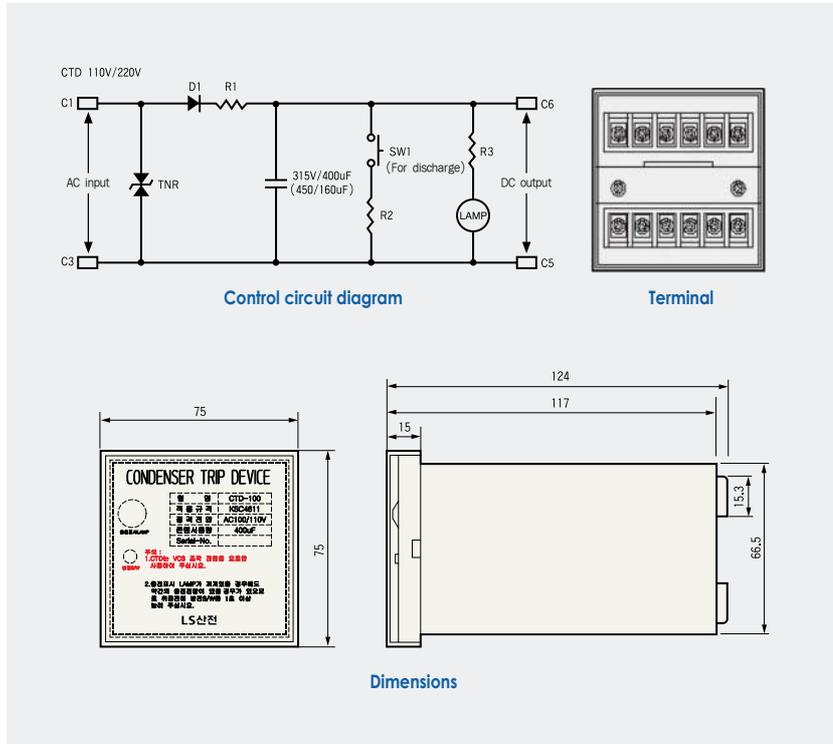


### CTD(Condensor Trip Device)



CTD is built as standard in the contactor with AC control of instantaneous excitation so that the contactor can be tripped within 30 seconds in the event of an electricity failure. The automatic trip circuit in the event of an electricity failure is to be built by a customer.

| Rating                     | Description   |               |
|----------------------------|---------------|---------------|
| Type                       | CTD-100       | CTD-200       |
| Rated input voltage(V)     | AC 100/110    | AC 200/220    |
| Frequency(Hz)              | 50/60         | 50/60         |
| Rated impulse voltage(V)   | 140/155       | 280/310       |
| Charging time              | Within 5 sec. | Within 5 sec. |
| Trip command possible time | Max. 30 sec.  | Max. 30 sec.  |
| Input voltage range        | 85%~110%      | 85%~110%      |
| Capacitor rating(μF)       | 400           | 160           |



#### Fuse case

Made of high strength BMC resin to offer superior insulation and safety.

Note) Applied fuse combination type.



#### Counter

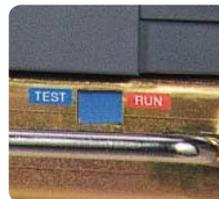
This is a ON/OFF operation counter by using 5 digit.



#### Bushing

It is mono-block bushing to be used in the cradles of G-type drawout contactors. It provides high insulation level, so recommended to use in contactors for MCSG.

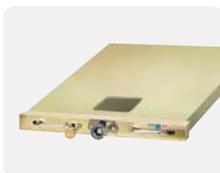
Note) Applied G-Class Cradle.



#### Test/Run position indicator

This enables checking contactor positions visibly when connecting or disconnecting a contactor.

Note) Applied direct drawout type only.



#### Direct-drawout carrier

It is a screw-sliding type drawout equipment to draw-in and draw-out a contactor directly out of a panel for personal safety. It is built in DB and GB type contactors.



#### ON/OFF indicator

To visibly check whether power is supplied or not



#### Lever

It is a bent-lever to actuate a direct-drawout carrier by inserting and turning in DB and GB type contactors



#### Fuse checking window

Enables the visible check of a fuse like its outside status and temperature-rise in a fuse combination type contactor.