

# Switching Devices

## 5TT5 8 Insta contactors

### Overview

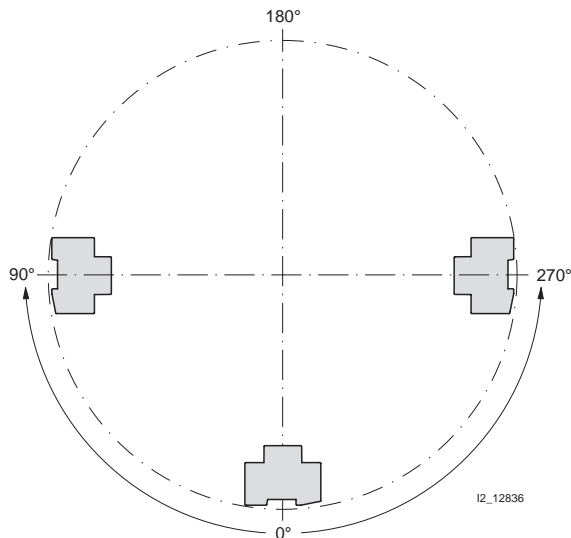


#### Insta contactors 20, 25, 40 and 63 A

The 5TT5 8 Insta contactors are equipped with an AC magnet system and are ideal for use under harsh conditions, at a very high number of switching cycles and long service life. Auxiliary switches in the versions 2 NO contacts and 1 NO contact/1 NC contact can be mounted on the right side without the need for tools. When used with terminal covers, the devices are also sealable.

#### Mounting position of 5TT5 8 Insta contactors

The installation of the devices is permissible in the positions shown in the following diagram (0° to 90°, 270° to 0°). There are no restrictions when the devices are installed in these normal mounting positions.



#### Heat dissipation

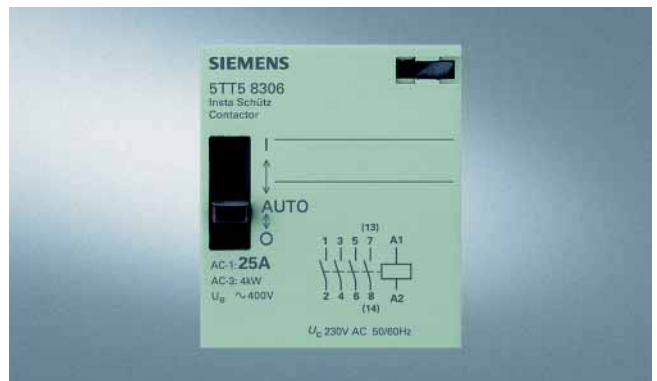
If several Insta contactors with AC magnet system are mounted in series in a distribution board, there are no restrictions for the types 25 A, 40 A and 63 A within the permissible ambient temperature range up to 55 °C. For 20 A types within the temperature range up to 40 °C, a 5TG8 240 spacer must be installed after every third Insta contactor, and in the temperature range over 40 °C to 55 °C, after every second contactor.



#### Manual switching with O/I/Automatic function

The 5TT5 8...-6 and 5TT5 8...-8 versions also offer manual switching. The knob allows preselection of 3 positions:

- Knob in the "AUTO" position  
Automatic mode → normal protective function
- Knob in the "I" position  
Continuous mode → switched on manually (without control signal, when a control signal is applied, the manual switch on reset, i.e. the knob is automatically reset to the "AUTO" position).
- Knob in the "O" position  
Off → switched off (coil circuit interrupted)



#### Plant test without applying a control voltage

Insta contactors with O/I/Automatic function enable the testing of a plant by hand switch without the need to apply a control voltage.

#### Automatic resetting through control signal

When applying a control signal to the terminals A1 and A2, the Insta contactors can be reset from continuous operation mode ("I" position) to automatic mode ("AUTO" position).