

# DISCHARGE REACTOR

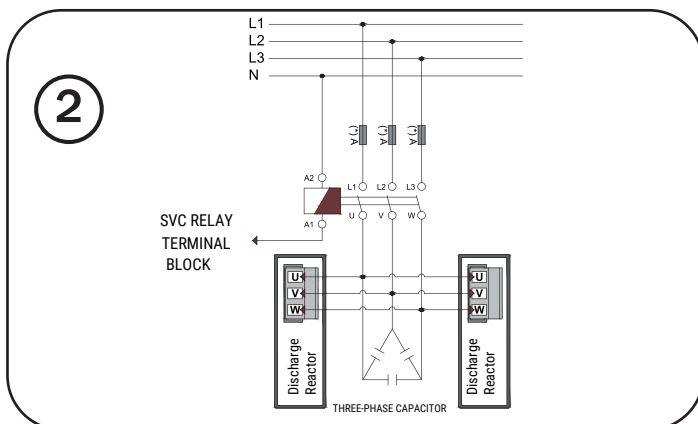
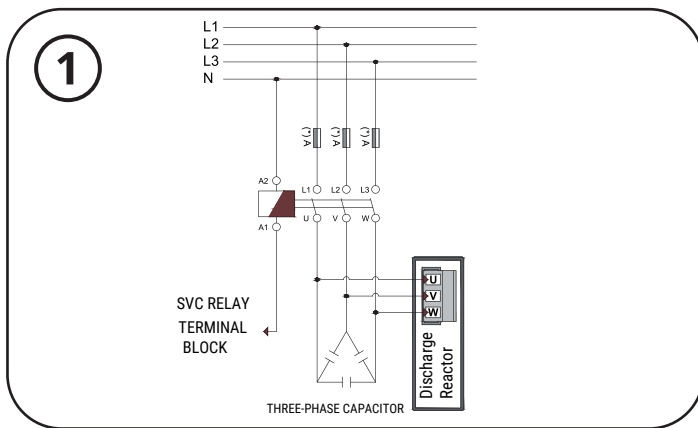
It provides the capacitors to be discharged in a short time in enterprises with fast loads. In this way, it contributes to the usage time of capacitors and contactors.



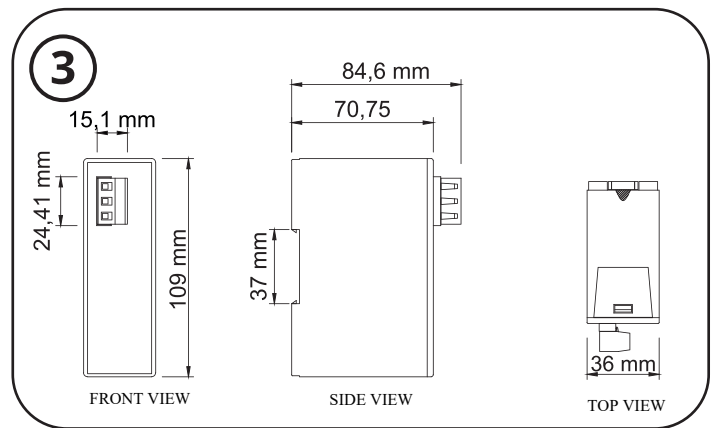
## General Features

- Nominal voltage is in the range of 180 – 660 V AC
- Nominal frequency is 50 Hz<sup>2</sup>.
- Discharge time is  $t < 1.2$  sec for the load 12.5 kVAr,  $t < 2.5$  sec for the load 25 kVAr,  $t < 5$  sec for the load 50 kVAr.
- The power of the low voltage capacitor to be discharged should be maximum 50 kVAr.
- If 2 units are used against a load between 50-100 kVAr, the capacitor can be discharged.
- The device can be mounted on the in-panel rail.
- It has IP40 protection class.
- Discharge reactor is recommended to be used together with compensation contactors.
- Discharge resistor is recommended to be used together with static contactor.

## CONNECTION DIAGRAM



## TECHNICAL DRAWINGS



①  
Up to 50 kVAr Discharge Reactor Connection Diagram

②  
Up to 50 - 100 kVAr Discharge Reactor Connection Diagram

③  
Discharge Reactor Technical Drawing