

# Relay keying

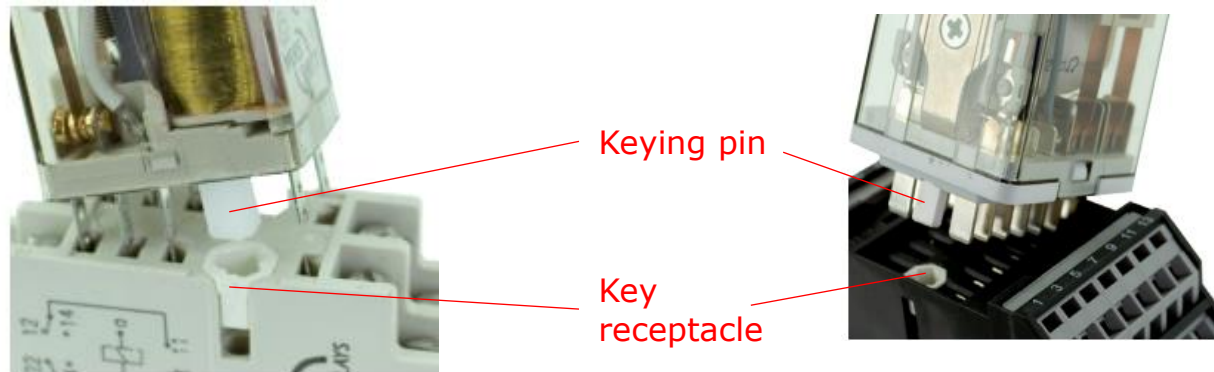
Keying is a way to ensure relays are inserted in the right sockets, by means of a mechanical blocking system. Each relay has a pin which fits exactly in a receptacle located in the socket. If the pin is not fitting in the receptacle, the relay can not be inserted in the socket.

Function:

- To prevent wrong installation
- To prevent damage to equipment
- To prevent unsafe situations

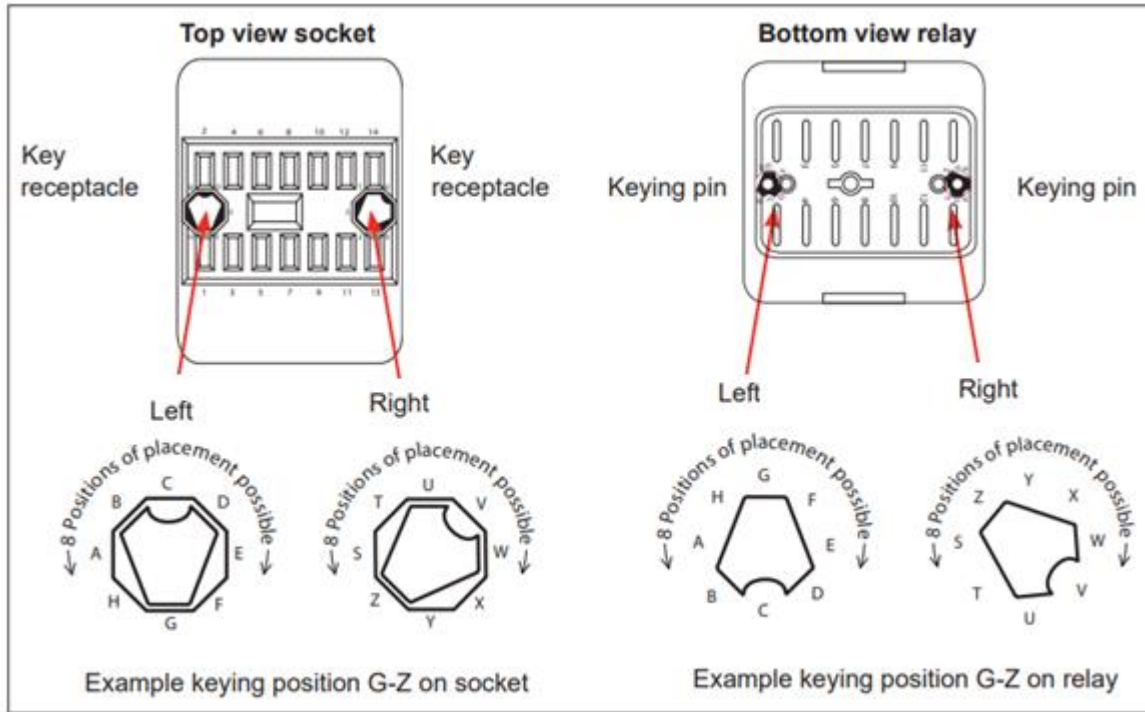
Using keyed relays and sockets prevents a relay to be inserted in a wrong socket. For example it prevents a 24 VDC relay is put in a 110 VDC circuit. Positive discrimination is possible per different function, coil voltage, timing, monitoring, safety and non-safety.

Each relay type has its own way of keying.

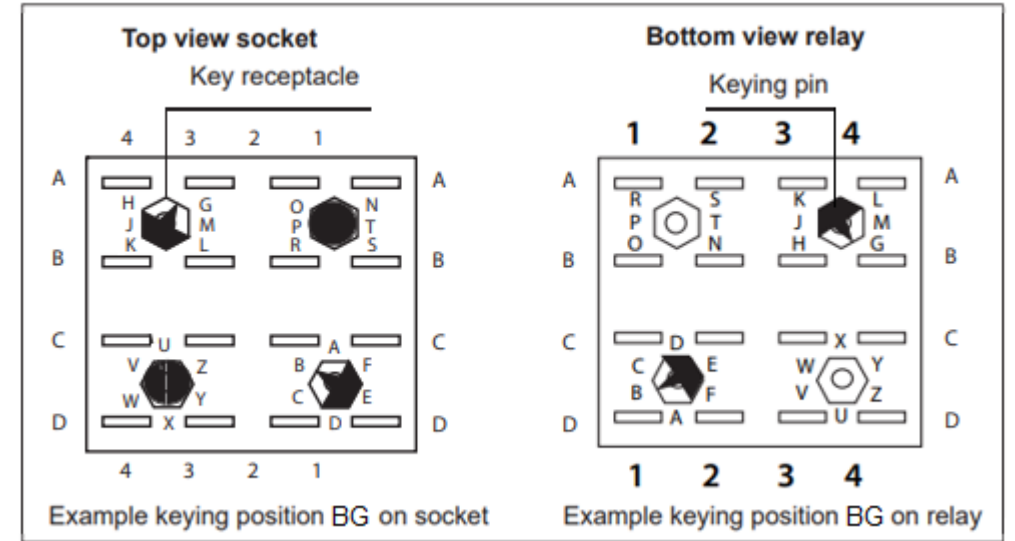


# Relay keying examples

## D-platform relay



## A/B-platform relay



## CU-platform relay

