

## KEY LOCK RELAY (KLCR)

**Key Lock Relay (KLCR) is used at Level Crossing Gates. In KLCR a common Key with a specific ward controls the entry of Crank Handle in a group of Point machines.**

In KLCR, assembly of bare relay in Metallic Enclosure is been done along with this 1no. key and 3 nos. Ward plate of 'A' to 'Z' Except 'I' and 'X' are been supplied.



### Types of KLCR Relay

#### KLCR 24 V DC Non ACI

- 2F/2B (TMA 1122/116-OLO)
- 4F/4B (TMA 1144/116-OLO)

#### KLCR 60VDC NON ACI

- 2F/2B (TMA 1122/111-OLO)
- 4F/4B (TMA 1144/111-OLO)

#### KLCR 60VDC ACI

- 2F/2B (TMA 1122/111IM-OLO)
- 4F/4B (TMA 1144/111IM-OLO)

### Mechanical Parameters

- With no voltage applied key should not be removable from unit
- Once relay is picked up key should be removable from unit
- Once key is removed, cut off the supply voltage and see that relay should not drop
- With voltage removed, put the key back and rotate the key clock wise and see that relay should drop
- With no voltage applied, key should not rotate in anti clock wise