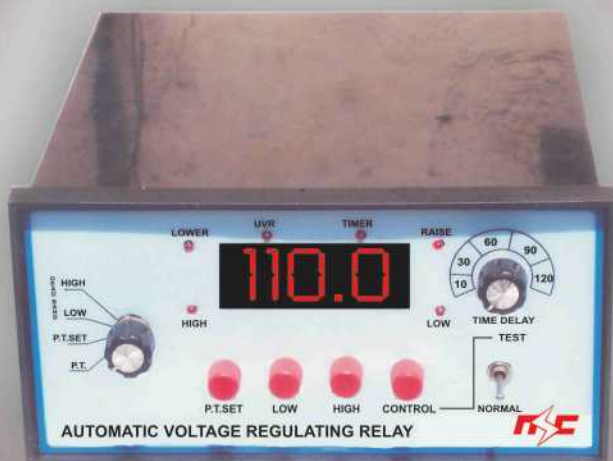


AUTOMATIC VOLTAGE REGULATING RELAY



Applications :

Solid State Automatic Voltage Regulating Relay, is used for Regulating the secondary Voltage of power Transformer with On Load Tap Changer. The relay uses the fully solid state circuit with the exception of electro magnetic relays. The required PT secondary voltage can be obtained by means of nominal value. The time delay setting on the front panel eliminates the relay operation for momentary fluctuations of the regulated voltage, thus reducing the number of operation of the On Load Tap Changer.

When the regulated voltage falls below the specified under voltage limit, the control relays are automatically blocked, i.e. there is no voltage correction and a pair of contacts is made available for connecting alarm or hooter.

The relay uses fully solid state circuitry thus increasing its reliability. Every component when is used to manufacture the relay is 100% screened before using and each relay is completely subjected to rigorous testing schedule, thus ensuring the highest quality, precision and reliability of **neon** make On Load tap changer relay.

Features :

- ⇒ Field Proven Design.
- ⇒ Solid State control using latest C-MOS, Integrated Circuits.
- ⇒ Digital read out for PT, PT set & dead band settings.
- ⇒ LED indication for Supply, Raise, Lower & Under Voltage conditions
- ⇒ Continuously variable time delay setting.
- ⇒ Automatic resetting after voltage correction.
- ⇒ Single Pulse operation of control relays.
- ⇒ Self / Test facility,
- ⇒ Most economical AVR relay available in market.
- ⇒ Under voltage alarm contact with internal blocking.
- ⇒ Compact DIN Standard Flush mounting 92 x 192 x 220 mm.

DIGITAL TAP POSITION INDICATOR

Applications :

This instruments serves to indicate the digital number of mechanism / Temperature at remote point, particularly for OLTC panel to indicate - tap Position, winding / Oil Temperature Indicator.

- Specification Type** : 4050 / 4051
- Input Supply** : 90-230 V AC/DC
- Type of Sensor** : 10 Ohms to 1K ohms
(Please Specify any one value)
- Display Formate** : TPI by Two Nos. of 7 Segment LED
14.2mm high red colour display
- Suitability** : Suitable upto 0-40 positions.
Number of positions can be selected through membrane keys at site.
- Max. Ambient Temp. Voltage Withstand** : Upto 70° C
: 2 KV for 1 minute between equipment terminals and power supply earth.
- Type of circuit** : Fully solid state integrated circuit design.
- Power consumption** : 200 milli watts (max)
- Panel cutout** : Square (SQ) - 92 mm x 92 mm
- Special Features** : The Unit also can be supplied with one / two 4-20 mA DC output used for SCADA system.

Features :

- ⇒ Digital Tap Position Indicator.
- ⇒ Digital Winding Temperature Indicator.
- ⇒ Digital Oil Temperature Indicator
- ⇒ Also Available with one / two 4-20mA output.

