



### Micro Controller Based Digital Set Point Relay for Voltage (Type MRD2011-V)

#### General

These instruments are digital set point relays which have two independent outputs and can be used to control the under voltage and over voltage operations. The two independent outputs are programmed/set in a range of 0 VAC to 700 VAC according to the application needed. The primary applications of these relays are to monitor digitally the voltage where the voltage fluctuations affect the functioning of the machinery or apparatus. Both the set points are field settable from 0 V to 700 V.

The advantage of these relay is that timers are inbuilt and having an inbuilt timer eliminates the need for an external timer and external wirings. The timers are programmable from 0 second to 20 seconds. The compact size of the meter/relay also ensures minimum space. The dimensions are 96 X 96 mm X 65 mm only. The auxiliary supply for the relay is 110V AC or 230V AC.

#### FEATURES :

- Micro Controller Based Relay.
- Field Proven Design.
- Available Time Delay Facility up to 20 seconds max.  
(This is the duration for which the fault will be tolerated before the unit trips.)
- Range available is 0-700 V AC
- 14.2 mm Bright 7 segment Four Digits LED Display.
- Available for Single Phase control.
- Also available for PT operated HT applications.
- Two separate output relays for high setting and low setting .
- Works like an under voltage – over voltage relay with display.
- Standard DIN Flush mounting.
- Compact Size : 96mm x 96mm x 65mm

#### MFRS OF :

BDV Oil Test Sets | A.C./D.C. High Voltage Test Sets | Relay Test Sets | APFCR  
| Tap Position Indicator | Automatic Voltage Regulating Relay | Digital Set Point Relay  
| Transformer Ratio Meter | Micro Ohm Meter | Auto Reclosing Relay  
| Digital Panel Meters | Auto Transformers/Dimmers/variacs  
| Primary Current Injection Kit.

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