

## Voltage Monitoring Relay : VMR1P

Protection of electrical devices against Over voltage, Under voltage in the supply is one of the major issue in electrical systems.

For safe running of electrical devices, special protections that keep a continuous watch on supply conditions are very essentials.

'PROTONs VMR 1P' offer following protections along with 3 digit display showing

R-N voltage in scanning mode with precise accuracy.  
LOW/HIGH voltage tripping to ensure trouble free running of Loads.



### SALIENT FEATURES :

- Microcontroller based technology.
- Wide range of supply variation.
- Protection against Under and Over Voltage
- Password Protection for the set point.
- All the set points setable by keys.
- Indications for High voltage, Low voltage Relay ON & Timer indication .
- No separate auxiliary supply required.

### TECHNICAL SPECIFICATION :

Supply voltage	100-300 VAC, (No auxilliary supply)
Output Contacts	Two changeover (N/C-C-N/O),Rating 5A at 230VAC : 240 to 300 V For OV with digital display (resolution of 1 V)
Voltage trip setting	: 0 to 210 V For UV with digital display (resolution of 1 V) ( Hysteresis between cut off & cut in is 10V)
Trip Time delay	Trip time for UV :Settable Default : 5 sec. Range: 1 to 60 sec. for OV : Fixed 3 sec.
ON Delay	Selectable by keys from 1 to 60 sec.
Reset Mode	Auto reset.
Indications	TIMER : RED LED OVER VOLTAGE : RED LED UNDER VOLTAGE: RED LED RELAY ON : GREEN LED
Operating Temperature range	-5 °C to 60 °C.
Relative Humidity	95%
Mounting	Din rail. : Base mounting dimensions 55 (W) x 65 (L) x 125 (D) mm.

#### Contact Details

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