# selec

Operating Instructions

MV334



96 x 96mm

#### **SPECIFICATIONS**

: 4 Digit 7 segment LED Display Display

: 3 Ø 4 W, 3 Ø 3 W, 1 Ø 2 W Wiring input Rated input voltage : 11 - 300V AC(L-N)

19 - 516V AC(L-L)

Frequency range : 50/60 Hz

Max continuous I/P range: 120% of rated I/P Voltage

Over range indication: "Or" for input > 516V(L-L)

"Or" for input > 300V(L-N)

Impedance : 1MΩ (±5%) PT Primary : 100V - 999kV

PT Secondary : 100V - 500V (Programmable to any value)

Resolution : Auto resolution

: ±0.5% of full Range Accuracy

Measuring Method : True RMS : 1sec.

Display Update Time Power Consumption : Less than 5VA

Auxiliary Supply Voltage: 230V AC(±20%), 50/60Hz

Weight : 190ams

Mounting : Panel mounting

**Environmental Conditions:** 

Operating Temperature: 0°C to 50°C Operating Storage : -25°C to 70°C

Relative Humidity : 0-90% (non-condensing)

Pollution degree : II

# SAFETY PRECAUTIONS

All safety related codifications, symbols and instructions that appear in this operating manual or on the equipment must be strictly followed to ensure the safety of the operating personnel as well as the instrument If the equipment is not used in a manner specified by the

manufacturer it might impair the protection provided by the equipment.

• Do not use the equipment if there is any mechanical damage. • Ensure that the equipment is supplied with correct voltage.

### A CAUTION:

the unit.

2. Risk of electric shock.

3. The equipment in its installed state must not come in close

proximity to any heating sources, caustic vapors, oils, steam or other unwanted process by products. Doc. name: OP INST MV334 OP468-V01(Page 1 of 2)

1. Read complete instructions prior to installation and operation of

# CONFIGURATION

- Use D + A key to enter & exit from config. menu, for 5 sec.
- Use A key to go to next parameter.
  Use D key to edit the parameter & press same key for
  - 2 sec. to save parameter.
- Use △ key to increment parameter value.
- To set the value of PT primary in kV, First edit the value and then press A key for 3 sec., Display will shift to kV with resolution 000.0kV & this process is same, to set the value of PT primary in V

Config. page.	Function	Range or Selection	Factory Setting
1	Network Selection	3Ø4W, 3Ø3W, 1Ø2W-R, 1Ø2W-Y, 1Ø2W-B	3P4W
2	PT Primary	100-999kV	350
3	PT Secondary	100-500V	350

#### ONLINE PAGE DESCRIPTION

6th time

7<sup>th</sup> time

	KEY PRESS	DESCRIPTION
	* —	Displays 1st phase voltage
	* 1 <sup>st</sup> time	Displays 2 <sup>nd</sup> phase voltage
Press	*2 <sup>nd</sup> time	Displays 3 <sup>rd</sup> phase voltage
Key (△)	* 3 <sup>rd</sup> time	Displays average line neutral voltage
	4 <sup>th</sup> time	Displays line-line voltage of 1st & 2th Phase
	5 <sup>th</sup> time	Displays line-line voltage of 2 <sup>nd</sup> & 3 <sup>rd</sup> Phas

**Note:** \* Marked pages are not available when network selection is 3P3W, and 1P2W respective phase parameter will be available.

Displays line-line voltage of 3rd & 1st Phase

Displays average line-line voltage

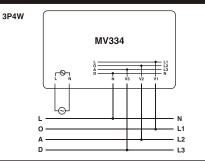
#### **AUTO MANUAL DESCRIPTION**

Press ≥ key for 3sec. to switch in auto and manual mode.

#### SERIAL NUMBER DESCRIPTION

Press A key for 10sec. to display 8 digit serial number only for 10sec. in two windows.

## **WIRING DIAGRAM WITH TERMINAL CONNECTIONS**



(Specifications subject to change as development is a continuous process.)

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