selec

MV35-3

Operating Instructions

OP2011-V01

Display Update Time : 1 sec.
Power Consumption : Less than 5VA
Auxiliary Supply : 40-300V AC/DC,50/60Hz
Weight : 155gms
Mounting : Panel mounting

Environmental Conditions :

Operating Temperature : -10°C to 55°C
Operating Storage : -20°C to 75°C
Relative Humidity : Upto 85%(non-condensing)
Pollution Degree : II

SPECIFICATIONS

Description : 3 Ø Digital Voltmeter
Display : 4 Digit 7 Segment LED Display
Wiring Input : 3 Ø 4 W, 3 Ø 3 W, 1 Ø 2 W
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
Accuracy : ±0.5% of Full Scale
Measuring Method : True RMS

ORDER CODE INFORMATION

Product	Supply Range	Certification
MV35-3-G-40/300V-CE	40-300V AC/DC, 50/60Hz	✓
MV35-3-G-40/300V	40-300V AC/DC, 50/60Hz	- - - - -

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.

⚠ CAUTION :

1. Read complete instructions prior to installation and operation of 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.

CONFIGURATION

- Use > + ^ key to enter & exit from configuration menu, for 5 sec.
- Use ^ key to go to next parameter.
- Use > 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 ^ 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

	KEY PRESS	DESCRIPTION
Press Key (^)	* ——	Displays 1st phase voltage
	* 1st time	Displays 2nd phase voltage
	* 2nd time	Displays 3rd phase voltage
	* 3rd time	Displays average line neutral voltage
	4th time	Displays line-line voltage of 1st & 2nd Phase
	5th time	Displays line-line voltage of 2nd & 3rd Phase
	6th time	Displays line-line voltage of 3rd & 1st Phase
	7th time	Displays average line-line voltage

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

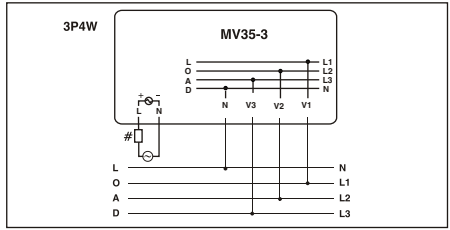
AUTO MANUAL DESCRIPTION

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

SERIAL NUMBER DESCRIPTION

Press ^ key for 10 sec. to display 8 digit serial number only for 3 sec. in two windows.

WIRING DIAGRAM WITH TERMINAL CONNECTION



 # All fuse types : 0.5A class CC UL type ;
0.5A fast acting 600V

(Specifications are subject to change, since development is a continuous process.)

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