OP2010-V03

selec MV35-1

Operating Instructions



96 x 96mm

SPECIFICATIONS

Description	: 1 Ø Digital Voltmeter
Display	: 4 Digit 7 Segment LED Display
Rated Input Voltage	: 19 - 600V AC
Frequency Range	: 50/60 Hz
Over Range Indication	: "Or" for input > 600V
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
Display Update Time	: 1 sec
Power Consumption	: Less than 5VA
Auxiliary Supply Voltage	: 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

ORDER CODE INFORMATION

Product	Supply Range	Certification
MV35-1-G-40/300V-CE	40-300V AC/DC, 50/60Hz	✔
MV35-1-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

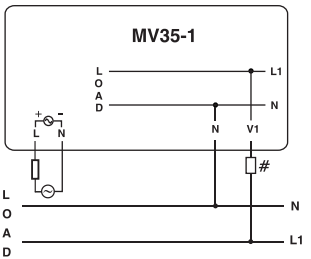
- Use > + ^ key to enter & exit from configuration menu, for 3 sec.
- Use ^ key to go to next parameter.
- Use > key to edit the parameter & press same key for 2 sec. to save parameter.
- Use ^ key to increment parameter value.
- To set the value of PT primary in kV, First edit the value and then press ^ 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	PT Primary	100-999kV	350
2	PT Secondary	100-500V	350

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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