



CAT.No./ Model No.
SDV-1A96 for 96X96 Sq.mm



CAT.No./ Model No.
SDV-1A48 for 48X96 Sq.mm



CAT.No./ Model No.
SDV-1A72 for 72X72 Sq.mm

SPECIFICATION

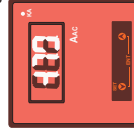
- Display**
: 1 row of 3 digits 7-segment
: Red color display of 0.56" digit height.
- Wiring Input**
: 10-2 wire.
- Rated Input Current (True RMS)**
: Nominal 5A AC (Min. : 50mA - Max 6A AC)
- C.T. Ratio**
: 5A - 4.995AAC i.e. 4.99 KA by 15A CT
& 1A - 999AAC i.e. 0.99 KA by 1A CT
(Programmable for any value, 999 is max. multiplier).
- Auxiliary Supply Range** : 230 VAC (±20%), 50Hz [Separately mention at 110 VAC (±20%), 60Hz] the time of Ordering
- Temperature Range** : 0 to 50 °C (Operating), -20 to 70 °C (Storage)
- Mounting** : Panel Mounting.
- Humidity** : Upto 85% RH (non-condensing).
- Accuracy** : ± 1.0%
- Resolution** : 0.01A, 0.1A, 1A and 0.01kA (depends upon the range selected)

WORKING

- Step 1** : Make the connection as per the Wiring Diagram.
Then **Switch - ON** the device.
- Step 2** : It will start displaying Current with **default settings (Ctr = 001)**.
Default setting Ctr = 001 means 1 x 5 = 5 AAC for 15A C.T and Ctr = 001 means 1 x 1 = 1AAC for 1A C.T.
- Step 3** : For customized Settings of current (CTR) press **SET Key**



Then select Ctr between 1-999 with the help of **UP and DOWN** keys as shown in Fig.(1). Once you reach the desired Ctr, press both **UP and Down keys** simultaneously to latch the value, for confirmation End will be displayed as shown in fig. (2).



How to Select CTR, Example

- a) For Current range upto 100A:
select Ctr = 100/5 = 20 for 15A C.T & 100/1 = 100 for 1A C.T.
- b) For Current range upto 4000A or 4.00KA
select Ctr = 4000/5 = 800 for 15A C.T.

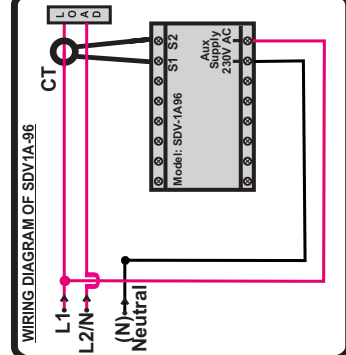
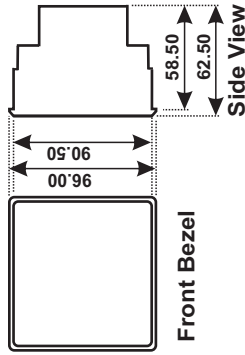
Further, for any queries contact :

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09873136248,09458105707
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MECHANICAL INSTALLATION & WIRING DIAGRAM

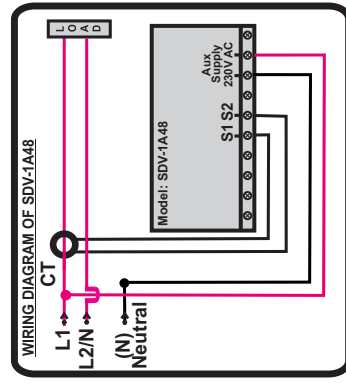
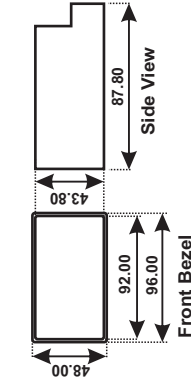
Size : 96x96 Sq.mm

Panel Cut out [92.00(±0.5)x92.00(±0.5)]



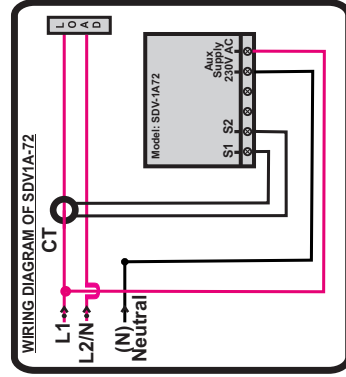
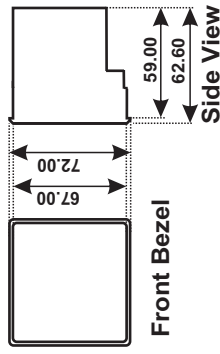
Size : 48x96 Sq. mm

Panel Cut out [92.50(±0.5)x44.50(±0.5)]



Size : 72x72 Sq.mm

Panel Cut out [68.00(±0.5)x68.00(±0.5)]



Note: All dimensions are in mm