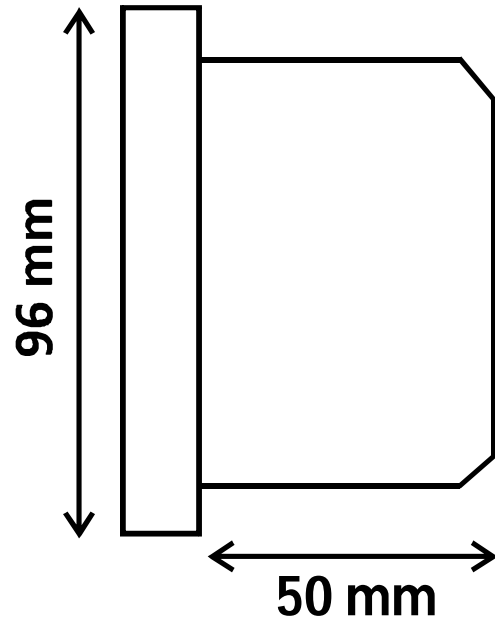
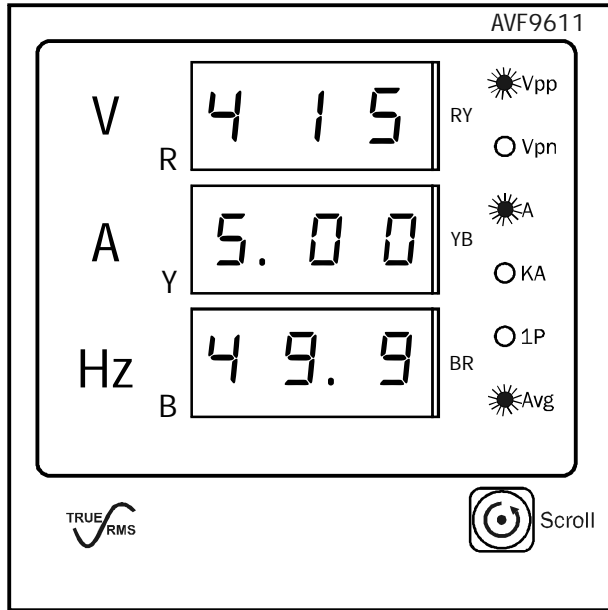


OPERATING MANUAL

DIGITAL PANEL METER



Specifications: 3 Phase AVF Meter

- 1) Model : AVF-9611
- 2) Display : 0.56"3 digit,3line,7Segment LED Display
- 3) Connection : 3P/4W,3P/3W,1P/2W (for Single phase AVF use R phase)
- 4) Accuracy : Class 1.0 (1% of FS +- 1 Count)
- 5) Voltage Input : 50 to 500V AC P-P, 50 to 250V AC P-N
- 6) Current Input : 0.1 to 5Amp AC direct or C.T selectable upto 6000/5 ratio.
- 7) Aux Supply : 230V AC,50Hz,Linear
- 8) Size : 96X96X55 mm (Cutout: 92X92)
- 9)Parameters (Display) : Voltage P-P, R Y & B
Average Voltage P-P
Voltage P-N, R Y & B
Average Voltage P-N
Line Current , R Y & B
Average Line Current
Frequency
- 10)Parameter (Prog) : CT Ration (Only Primary)
Connection (3P/4W,3P/3W,1P/2W)
From 5 to 100,CT ratio will be of 5,
From 100 to 1000 CT ratio will be of 25,
From 1000 to 6000 CT ratio will be of 500.

PARAMETER DISPLAY : PAGESWISE

Selected Connection	Parameter Display : Pagewise					
		1 st Page	2 nd Page	3 rd Page	4 th Page	5 th Page
For 3P/4W	Line-1	Vry	Vrn	Ir	Vpp-Avg	Vpn-Avg
	Line-2	Vyb	Vyn	Iy	I-Avg	I-Avg
	Line-3	Vrb	Vbn	Ib	Freq	Freq

Selected Connection	Parameter Display : Pagewise			
		1 st Page	2 nd Page	3 rd Page
For 3P/3W	Line-1	Vry	Ir	Vpp-Avg
	Line-2	Vyb	Iy	I-Avg
	Line-3	Vrb	Ib	Freq

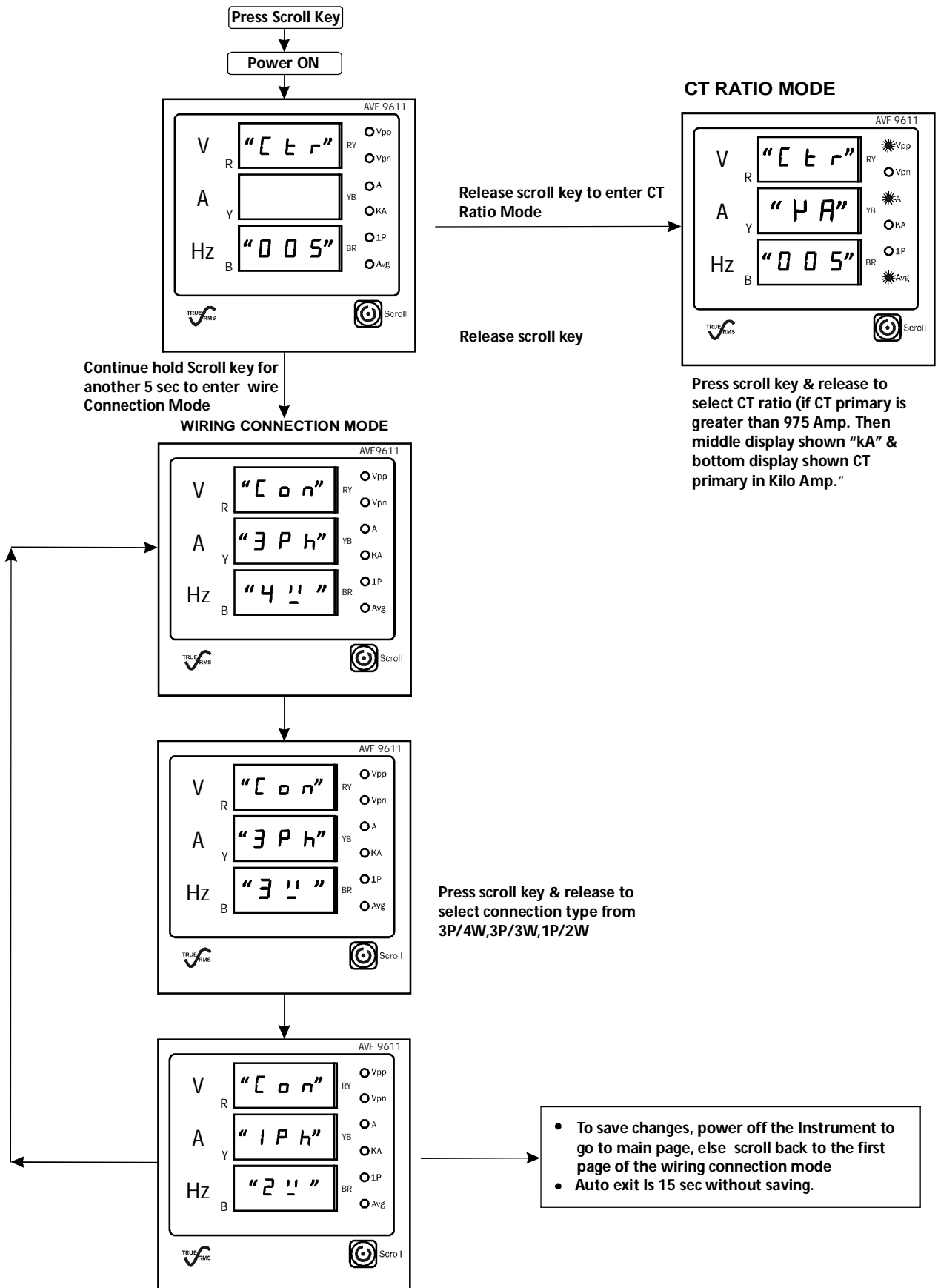
Selected Connection	Parameter Display : Pagewise	
		1 st Page (R phase)
For 1P/2W	Line-1	Vrn
	Line-2	Ir
	Line-3	Freq

Display when in SETTING mode:

	3 Phase/4wire	3 Phase/3wire	1 Phase/2wire
Line-1	[0 n	[0 n	[0 n
Line-2	3 P H	3 P H	1 P H
Line-3	4 "	3 "	2 "

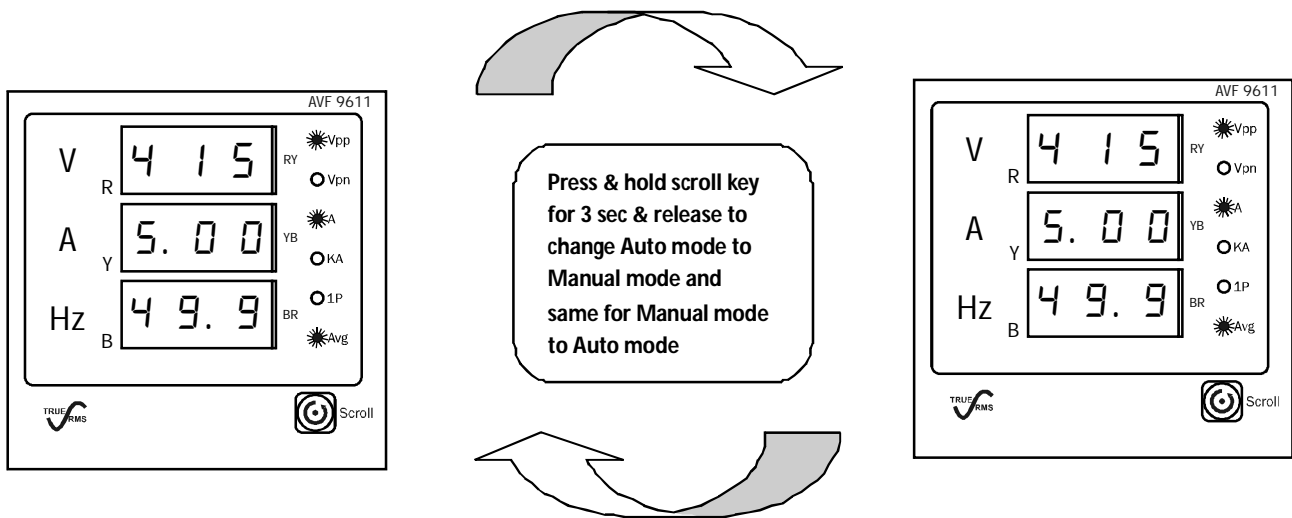
SETTING MODE SETTING (ONE TIME SETTING)

- 1) Press Scroll key and power on unit to display CT ratio mode display. On immediately releasing key, unit allows to edit CT ratio. On setting more than 975 Amp. the middle display shown KA (kilo Ampere).
- 2) On continuing pressing scroll key for another 5 sec, unit will enter Wiring Connection Mode.
- 3) Use scroll key to select wiring connection.
- 4) To save changes, power off the unit, else auto exit without saving for not pressing any key for 15 sec.

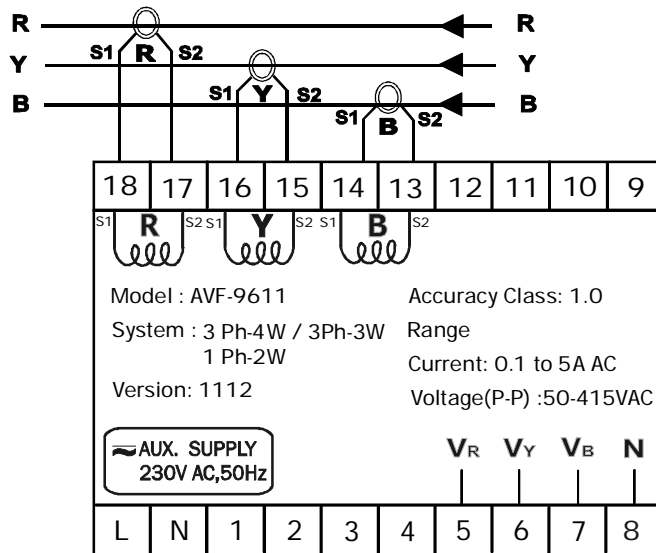


RUN MODE SELECTION

- 1) In Auto Mode Scan time is 5sec
- 2) In Auto or Manual Mode to change Parameter Page press scroll key and release.
- 3) To change from Auto to Manual & Manual to Auto, press scroll key for 3 sec & release.



CONNECTION DIAGRAM



**FOR HIGHER THEN 5 AMP
(With External CT)**