

Description : Selective Volt Meter suitable for Siemens make AFTC as per specifications
Make and Model : 1) APLAB make Model No. FSV-02 or KAYNES FSVM KTM 01 or Siemens or superior

Specifications

Operating Mode : Siemens AFTC

1. Siemens Mode

a) Voltage range	:	40 mVrms to 200 Vrms
Accuracy	:	$\leq 2\%$ (for Umeas $\geq 180\text{mV}$)
Adjacent channel rejection	:	$> 36\text{ db}$
Rejection with 2 channel spacing	:	$> 46\text{db}$
Frequency		
Band I (3dB BW. 240 Hz)	:	4.75 KHz, 5.25 KH, 5.75 KHz, 6.25 KHz
Frequency		
Band II (3dB BW. 480 Hz)	:	9.5 KHz, 10.5 KH, 11.5 Khz, 12.5 KHz, 13.5 KHz, 13.5Khz, 14.5 KHz, 15.5 KHz, 16.5 KHz
Input protection	:	AC Max – 300 Vrms DC Max – 300 V

2. Frequency Mode

a) Range	:	0.1 Khz to 99.99 KHz
b) Accuracy	:	$\leq 1\%$

3. VDC Mode

a) Range	:	280mV to 280 V
b) Accuracy	:	$\leq 1\%$

4. VAC Mode

c) Range	:	180mVrms - 200Vrms (@40Hz)
d) Accuracy	:	$\leq 1\%$

5. High VAC Mode

e) Range	:	300mVrms - 160Vrms
f) Accuracy	:	$\leq 2\%$ (for 1 KHz to 56 KHz)

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