

RATING TABLE











BIMETALLIC (MAXIMUM DEMAND) AMMETERS

TYPE	BE-96
DELAY TIME	15 minutes
ON C.T. RATIO /5A	10A, 15A, 25A, 40A, 60A, 100A, 150A, 250A, 400A, 600A, 1000A~

- : SCALE 90°
- : SCALE 240°
























AC Ammeter

TYPE	BE-48		BE-72		BE-96		BE-144	
	Direct	CT /1A; /5A	Direct	CT /1A; /5A	Direct	CT /1A; /5A	Direct	CT /1A; /5A
SIZE	48x48 mm		72x72 mm		96x96 mm		144x144 mm	
1A			●●			●●		
5A	●	●	●●	●●	●●	●●	●	●
10A	●	●	●	●●	●●	●●	●	●
15A	●	●	●	●●	●	●●	●	●
20A	●	●	●	●●	●	●●	●	●
25A	●	●	●	●●	●	●●	●	●
30A	●	●	●	●●	●	●●	●	●
40A	●	●	●	●●	●	●●	●	●
50A		●	●	●●	●	●●	●	●
60A		●	●	●●	●	●●	●	●
75A		●		●●	●	●●	●	●
100A		●		●●	●	●●	●	●
120A		●		●●		●●		●
150A		●		●●		●●		●
200A		●		●●		●●		●
250A		●		●●		●●		●
300A		●		●●		●●		●
400A		●		●●		●●		●
500A		●		●●		●●		●
600A		●		●●		●●		●
800A		●		●●		●●		●
1000A		●		●●		●●		●
1200A				●●		●●		●
1250A				●●		●●		●
1500A				●●		●●		●
2000A				●●		●●		●

2500A				 		 		
3000A~				 		 		





























































































































































 : SCALE 90°
 : SCALE 240°

AC Voltmeter

TYPE	BE-48	BE-72	BE-96	BE-144
SIZE	48x48 mm	72x72 mm	96x96 mm	144x144 mm
100V		 	 	
300V		 	 	
500V		 	 	
600V		 	 	

 : SCALE 90°
 : SCALE 240°

DC Ammeter

TYPE	BE-48		BE-72		BE-96		BE-144	
SIZE	48x48 mm		72x72 mm		96x96 mm		144x144 mm	
	0 Left 50,60, 75mV	0 Central 50,60, 75mV	0 Left 50,60, 75mV	0 Central 50,60, 75mV	0 Left 50,60, 75mV	0 Central 50,60, 75mV	0 Left 50,60, 75mV	0 Central 50,60, 75mV
10A			 	 	 	 		
15A			 	 	 	 		
20A			 	 	 	 		
25A			 	 	 	 		
30A			 	 	 	 		
40A			 	 	 	 		
50A			 	 	 	 		
60A			 	 	 	 		
80A			 	 	 	 		
100A			 	 	 	 		
150A			 	 	 	 		
200A			 	 	 	 		
300A~			 	 	 	 		

 : SCALE 90°
 : SCALE 240°

DC Voltmeter

TYPE	BE-48	BE-72	BE-96	BE-144
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SIZE	48x48 mm		72x72 mm		96x96 mm		144x144 mm	
	0 Left	i@ 0 Central	0 Left	0 Central	0 Left	0 Central	0 Left	0 Central
60mV	●	●	●●	●●	●●	●●	●	●
10V	●	●	●●	●●	●●	●●	●	●
20V	●	●	●●	●●	●●	●●	●	●
40V	●	●	●●	●●	●●	●●	●	●
100V	●	●	●●	●●	●●	●●	●	●
150V	●	●	●●	●●	●●	●●	●	●
200V	●	●	●●	●●	●●	●●	●	●
300V	●	●	●●	●●	●●	●●	●	●
400V	●	●	●●	●●	●●	●●	●	●
500V	●	●	●●	●●	●●	●●	●	●

HZ Meter

TYPE	BE-48	BE-72	BE-96	BE-144
SIZE	48x48 mm	72x72 mm	96x96 mm	144x144 mm
by REEDS	i@ i@	7 REEDS	11 REEDS	
		47~53HZ 57~63HZ	45~55HZ 55~65HZ	
by POINTER	Frequency : 50 / 60 HZ			
	Range: 45~55Hz, 45~65Hz, 55~65Hz			
	Voltage: 110V, 220V, 380V, 440V			

- : SCALE 90°
- : SCALE 240°

POWER FACTOR (COSΦ) Meter

TYPE	BE-72	BE-96	BE-144
SIZE	72x72 mm	96x96 mm	144x144 mm
Single phase	●●	●●	●
Three phase 3 wires	●●	●●	●
Three phase 4 wires	●	●	●

- : SCALE 90°
- : SCALE 240°

WATTMETER

TYPE	BE-72	BE-96	BE-144
SIZE	72x72 mm	96x96 mm	144x144 mm
Single phase	● ●	● ●	●
Three phase 3 wires	● ● ●	● ● ●	●
Three phase 4 wires	●	●	●

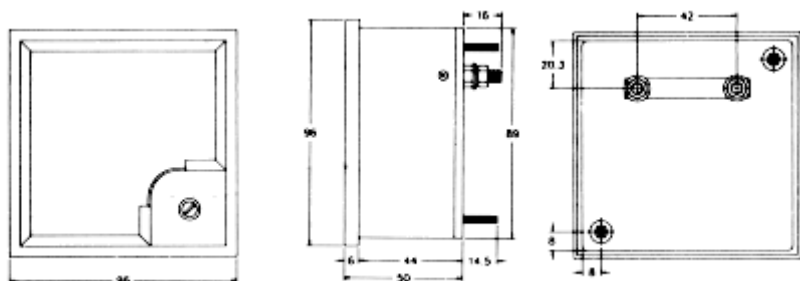
- : SCALE 90°
- : SCALE 240°

VARMETER

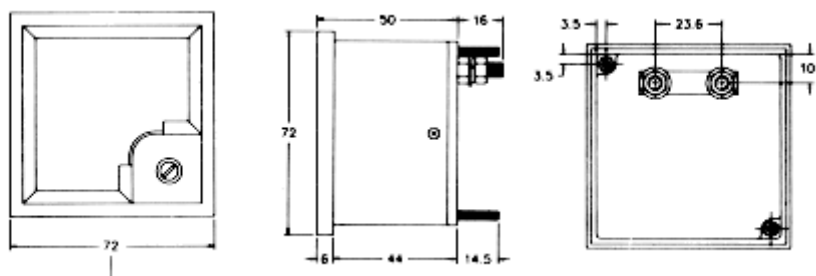
TYPE	BE-72	BE-96	BE-144
SIZE	72x72 mm	96x96 mm	144x144 mm
Single phase	● ●	● ●	●
Three phase 3 wires	● ● ●	● ● ●	●
Three phase 4 wires	● ●	● ●	●

PANEL LAYOUT

(BE-96)



(BE-72)



(BE-48)

(BE-144)

VOLT METER

MEASURING RANGE :

MOVING COIL TYPE : 100A-50A DC , 3V-600V DC

MOVING IRON TYPE: 1A-60A AC , 150V-600V AC

RECTIFIER TYPE: 3V-600V AC , 1A-5A AC

ACCURACY : Class 1.5%

AC AMPERE OVERLOAD SCALE: 200%, 300%, 500%

DC Ammeters above 50A require a basic 50 mV meter combined with an external shunt.

AC Ammeters above 100 A require a basic 5A meter combined with an external CT.

AC Voltmeters above 600 Volts require a basic 150V meter combined with an external PT.

Hz METER

ACCURACY class 1.5%

WORKING POSITION; VERTICAL

RATED VOLTAGE: 110V, 220V, 380V, 500V.

LIMIT OF VOLTAGE FLUCTUATION: 20%

CONSUMPTION: Max. 15 mA.

TEST VOLTAGE: 2KV,50c/s

MEASURING RANGE: 45-65 c/s

COMPOSITION: Glass window ,ABS Resin frame and case, PC glass fiber base mounting fitting included.

COLOR: lack base and frame, white scale plate and meter body.

POINTER: Stick shape in black color.