

CE



C72, C96



MLC72, MLC144



MLC96



MLC110

Model

Description

Movement Type

Accuracy

Operating Voltage

Test Voltage

Self-Consumption

Frequency Range

Construction & Design

Scale

Casing

Dimensions and Panel cutout

C72, C96

Moving Coil measuring instruments with AC rectifier; Full Scale deflection 90°
Moving-coil with central magnetic Core; spring-mounted bearing jewel suspension
± 1.5% of Full Scale

600 V RMS max.

2.5 KV for 1 minute at 50 Hz

< 1 VA

45 Hz to 1 KHz (Voltmeter & Ammeter)

1 KHz to 10KHz (Voltmeter - Optional)

According to IS 1248; EN 60051

According to DIN 43802

Size 72, 96 ABS Case with Glass Front

Refer Dimensions Page Overleaf

MLC72, MLC96, MLC144, MLC110

Moving coil measuring instruments with AC rectifier; Full Scale deflection 240°
Moving-coil with central magnetic Core; spring-mounted bearing jewel suspension
± 1.5% of Full Scale for MLC96, MLC144, MLC110
± 2.5% of Full Scale for MLC72

600 V RMS max.

2.5 KV for 1 minute at 50 Hz

< 1 VA

45 Hz to 1 KHz (Voltmeter & Ammeter)

1 KHz to 10KHz (Voltmeter - Optional)

According to IS 1248; EN 60051

According to DIN 43802

Size 72, 96, 144 ABS Case with Glass Front

Size 110 ABS Case with Clear Polycarbonate Cover

Refer Dimensions Page Overleaf

Ammeters @						Voltmeters		
1 x In (A)		2 x In (A)		6 x In (A)		On PT		
Direct	On CT	Direct	On CT	Direct	On CT	Direct	Ratio and Scale	
1A	(-)	1/2 A	(-)	1/6 A	(-)			
5A	(5A or 1A)	5/10A	(5A or 1A)	5/30 A	(5A or 1A)			
	10/-		10/20/-		10/60/-	10 V	-V/63.5 V	10 KV
	15/-		15/30/-		15/90/-	15 V	-V/110 V	15 KV
	20/-		20/40/-		20/120/-	20 V	-V/230 V	20 KV
	25/-		25/50/-		25/150/-	25 V	-V/250 V	25 KV
	30/-		30/60/-		30/180/-	30 V	-V/400 V	30 KV
	40/-		40/80/-		40/240/-	40 V	-V/440 V	40 KV
	50/-		50/100/-		50/300/-	50 V	1 KV	50 KV
	60/-		60/120/-		60/360/-	60 V	1.2 KV	60 KV
	75/-		75/150/-		75/450/-	75 V	1.5 KV	75 KV
	100/-		100/200/-		100/600/-	100 V	2 KV	100 KV
	150/-		150/300/-		150/900/-	150 V	2.5 KV	
	250/-		250/500/-		250/1500/-	250 V	3 KV	
	400/-		400/800/-		400/2400/-	400 V	3.5 KV	
	500/-		500/1000/-		500/3000/-	500 V	4 KV	
	600/-		600/1200/-		600/3600/-	600 V	5 KV	
	1000/-		1000/2000/-		1000/6000/-	750 V	6 KV	
	1500/-		1500/3000/-		1500/9000/-	800 V	7.5 KV	
	and higher		and higher		and higher	1000 V	8 KV	

Ordering Information : Model, Input, CTR/PTR, Scale

Notes

- a) Double stamping / non-standard marking available.
 - b) Rectifier type meters calibrated for AC sine wave.
 - c) Rubber gaskets for vibration proof available.
 - d) AC instruments normally calibrated at 50 Hz.
 - e) Other ranges available subject to technical feasibility.
 - f) Terminal Protection Cover (Optional) on request for all Models except MLC144
- @ From 1mA to 750mA are also available

Wiring Diagram

