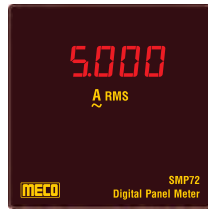
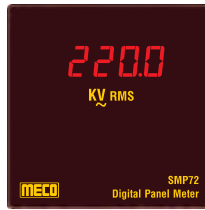


SMP72 - DC



SMP72 - AC



SMP72 - AC



SMP48 - DC



SMP48 - AC



Micro
Controller
Based

Features

- High Accuracy Across the Entire Range
- User Programmable Display (CT Primary / PTR / Shunt Value)
- 9999 Count (Max) High Resolution Display
- Auto Selection of Decimal Point

Specifications

- | | | | |
|---------------------------------|------------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------|
| ● Measuring Method | TRMS Using Microcontroller | ● VA Burden (Typical) | Auxiliary : $\leq 1.5VA$ |
| ● Display Type | Red LED Super Bright Display | ● Environmental Conditions | Voltage Input : $\leq 1.0VA$ |
| ● Maximum Display | 4 Digit / 9999 (Max.) Counts | | Current Input : $\leq 1.0VA$ |
| ● Resolution | 0.001 to 1 Count Depending on Range / Scale Display | ● Dielectric Strength | 0°C to + 55°C, < 70% RH (Operation) |
| ● Decimal Point | Auto Selection | ● Impulse Withstand | -10°C to + 70°C, < 70% RH (Storage) |
| ● Over Range Indication | " Or " | ● Case / Housing Material | 27°C $\pm 5^\circ C$ (Calibration) |
| ● Under Range Indication | NA | ● Faceplate / Lens | 2.5KV @ 50Hz for 1 minute between Input - Auxiliary & Case -Terminals |
| ● Sampling Rate | 3 Samples / Second | ● Connectors / Terminal | 3.5KV, 1.2 / 50 micro second |
| ● Maximum Overload | Voltage : 1.2 Times Continuous
Current : 1.5 Times Continuous | ● Display Stability | Polycarbonate, Black |
| ● Mounting Clamps | Sturdy, Moulded Derlin with Suitable Hardware | | Polycarbonate Transparent Red |
| ● Frequency Response | 40 - 400Hz | | Nylon 66, 33% GF, Black / Brass |
| ● Auxiliary Supply | 85 - 265V AC / DC | | Within ± 1 Digit |

Model	Input	Range (Any One Only)	Programmable Display Key	Aux Supply	Accuracy	Digits (max.)		Digit Height 0.56" / 14.2mm	
						3	4		
SMP72 / SMP48 / SMP96	DC	mV	0 - 75 (Shunt Operated)	✓[*]	85-265V AC / DC @ 50 / 60Hz	$\pm 0.5\%$ of FSD	-	✓	✓
			0 - 200	-			-	✓	✓
		V	0 - 20	-			-	✓	✓
			0 - 200	-			-	✓	✓
		mA	0 - 1000	-			-	✓	✓
			0 - 2	-			-	✓	✓
	AC	V	0 - 20	-			-	✓	✓
			0 - 200	-			-	✓	✓
			0 - 750	-			-	✓	✓
			✓(Standard)	✓(Optional)			✓		
		A	0 - 1 (CT Operated)	✓[*]			-	✓	✓
			0 - 5 (CT Operated)	✓[*]			-	✓	✓
	0 - 20 (Direct)	-	-	✓			✓		