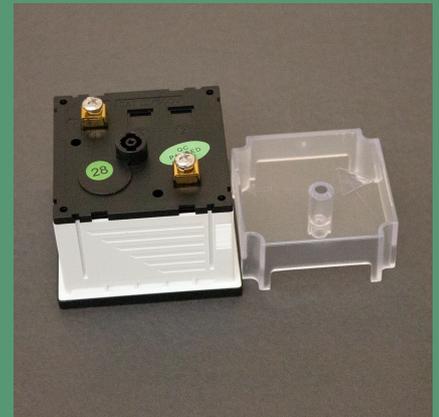
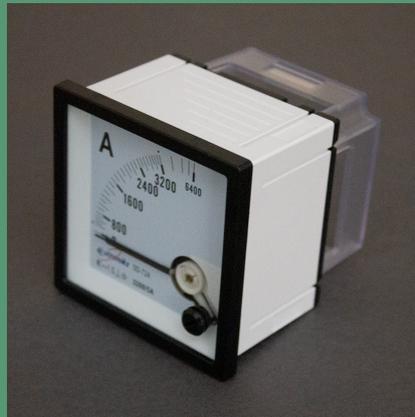


Moving Iron Instruments

AC METER, SD SERIES



Model : SD-96-TA , SD-72-TA (AC Ammeters)



Accuracy class : For SD-96-T and SD-72-T, the accuracy class is 1.5

Specification of ammeters for transformation ratio: The meters should be used with a current transformer of which primary current is 10A, 15A, 20A, 25A, 30A, 40A, 50A, 60A, 75A, 100A, 120A, 150A... 10KA, and external secondary current 1A or 5A. As long as overload rate and the incoming current are kept the same, dial scales of all types in this series can be exchanged without compromising on the accuracy.

Overload rate of ammeters: (i) non-overload (ii) 1.2 times (iii) 2 times (iv) 5 times

Technical data and approvals

Standards: EUTRONIKS meters comply with the standard GB7676-1998(idt IEC51-1997) and the standard IEC 1010-1(1990) Am2(1992),Am3(1995).All cases conform to the standard IEC-473. EUTRONIKS products have both CE and CAT III/600V approval.

Zero adjustment: All pointer type instruments have zero adjustments from the front.

Working Temperature: All instruments operate trouble-free at temperatures ranging from -25°C to +40°C

Temperature range for storage: -40°C to +70°C.

Temperature influence: An ambient temperature of +23°C is the reference temperature .The range of temperature influence is from 13-23°C to 23-33°C, unless otherwise specified in the class. The range of influence may be varied.

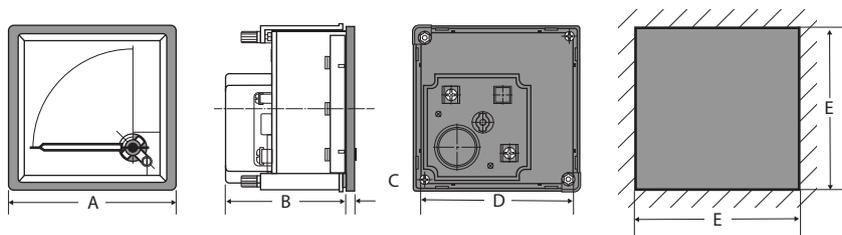
EUTRONIKS moving-coil products have core-magnet movements.

Mounting Angle: The instruments are calibrated for vertical mounting, unless other positions such as horizontal or inclined at any specified angle to the horizon can be provided upon request (in this case, specify angle of inclination, please). The accuracy class refers to the specified mounting angle only.

Insulation test: The insulation test is carried out at a voltage of 2000 Volts, 50HZ 1 min and applies for instruments with the full scale deflection up to 650V.

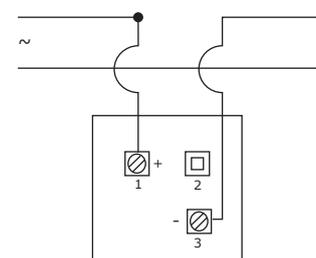
Safety warning: The user shall be made aware that, if the meter is used in a manner not specified by the manufacturer, the protection provided by the meter may be impaired.

Dimensions



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SD 96	96	74	5.5	89.5	92
SD 72	72	74	5.5	66.2	68

Connections



Moving Iron Instruments

Items		Parameters		
Implementation standards		GB7676-98, IEC 1010-1(1990)		
Bottom material (table bottom)		flame retardant requirements for ordinary		
Shell material (middle frame)		ABS flame retardant is not required		
Protective cover material		Polyethylene		
Movement material		Flame retardant PBT		
Meter working temperature		-25 °C to 40 °C		
Shock, vibration		3M2		
Protection class		IP40		
Voltage insulation withstand limit		3000V / min		
Sign color		Blue and white		
Glass panel		Ordinary float glass		
Installation method		Nut clamp mounting		
	Input range	Overload	Accuracy	Frequency
SD-96-T AC A SD-72-T AC A	X/1A, X/5A 100mA -50A	1 time, 1.2 times, 2 times, 5 times	1.5	50Hz,60Hz
	60A -100A			
SD-96-T AC V SD-72-T AC V	30V -600V X/100V	Without overload	1.5	