



72 X 72 / 96 X 96mm

Features :

- True RMS Measurement
- Scale Interchangeability
- Non Linear Scale
- Knife Edge Pointer
- Grey Lexan Housing
- Panel Mounting

Scale and Pointer

Pointer	Knife - edge pointer
Pointer Deflection	0 to 90°
Scale Characteristics	Non Linear
Scale Length	AM-V-2 : 63mm AM-V-3 : 97mm

Electrical Specifications

Measured Parameters	AC Voltage
Measuring Voltage Range	0 to 300V / 500V / 600V
Overload Capacity Continuously	1.2 times rated Voltage
Overload Capacity Short Duration	2 times rated voltage, upto max 5 seconds
Power Consumption	Max 4.5VA
Frequency	50 - 60 Hz
Accuracy	Class 1.5
Dielectric test	2 kV AC for 1 Minute

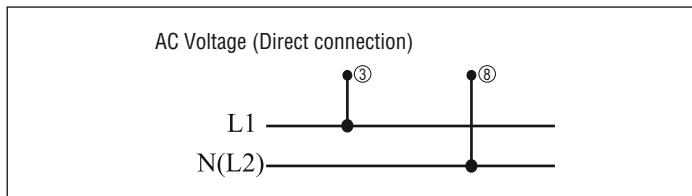
Mechanical Specifications

Mounting	Panel Mount
Weight	AM-V-2 : 0.16 kg AM-V-3 : 0.230 Kg

Environmental Specifications

Operating Temperature	0°C to 60°C
Storage Temperature	-20°C to 60°C
Relative Humidity (non - condensing)	upto 75%

Terminal Connections



Dimensions (All are in mm)

Product	72x72	96x96
Dimensions (in mm)		
a	72	96
b	74.50	98.50
c	67	90.50
d	50	50
e	60	60
f	5.50	5.50
g	8	8
h	68	92

Optional parts :

- 1 - Back Cover
- 2 - IP65 : Cover for all type of AM series

Compliance

Applicable EMI / EMC Standards		
Product Standard : IEC 60051-2		
Category		Standards Compliance
ESD Immunity	IEC 61000-4-2	Contact Discharge : 4kV (Criteria B) Air Discharge : 8kV (Criteria B)
Surge Immunity	IEC 61000-4-5	0.5kV (for L-L) (Criteria B)
Radiated Susceptibility	IEC 61000-4-2	800MHz to 1GHz (10V/m) (Criteria A) 1.4GHz to 2GHz (3V/m) (Criteria A) 2GHz to 2.7GHz (1V/m) (Criteria A)
Conducted Susceptibility	IEC 61000-4-6	3V (Criteria A)
PFMF	IEC 61000-4-8	30 A/M (50Hz, 60Hz) (Criteria A)
Voltage Dips and Interruptions	IEC 61000-4-11	VDI : 0% during 1 cycle (Criteria B), 40% during 10 / 12 cycles (Criteria C) 70% during 25 / 30 cycles (Criteria C) Short Interruptions : 0% during 250 / 300 cycles (Criteria C)
Electrical Fast Transient	IEC 61000-4-4	1kV (Criteria B)

Ordering Information

Product Code	Certification
AM-V-2-N-CE-RoHS	CE
AM-V-3-N-CE-RoHS	CE
AM-V-2-L-CE-RoHS	CE
AM-V-3-L-CE-RoHS	CE
AM-V-2-600V-CE-RoHS	CE
AM-V-3-600V-CE-RoHS	CE
AM-V-2-N	---
AM-V-3-N	---
AM-V-2-L	---
AM-V-3-L	---
AM-V-2-600V	---
AM-V-3-600V	---

Analog Meter - Voltmeter

