



72 X 72 / 96 X 96mm

Features :

- True RMS Measurement
- 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-I-D-2 : 63mm AM-I-D-3 : 97mm

Electrical Specifications

Measured Parameters	AC Current
Measuring Current Range	10A to 100A
Overload Capacity Continuously	1.2 times rated Current
Overload Capacity Short Duration	10 times of rated current upto max 5 sec
Power Consumption	Max 6VA
Frequency	50 - 60 Hz
Accuracy	Class 1.5
Dielectric test	2 kV AC for 1 Minute

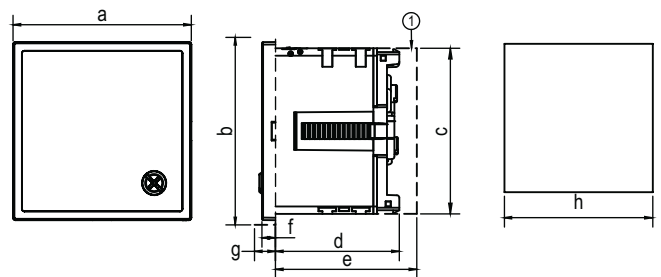
Mechanical Specifications

Mounting	Panel Mount
Weight	AM-I-D-2 : 0.16 kg AM-I-D-3 : 0.22 Kg

Environmental Specifications

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

Dimensions (All are in mm)



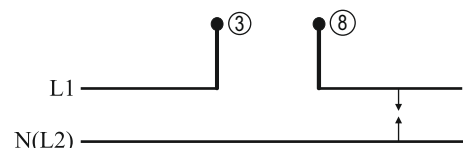
Product	72x72	96x96
Dimensions (in mm)		
a	72	96
b	74.50	98.50
c	67	90.50
d	50	50
e	60	60
f	5.50	5.50
g	8	8
h	68	92

Optional parts :

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

Terminal Connections

AC Current (CT connection)

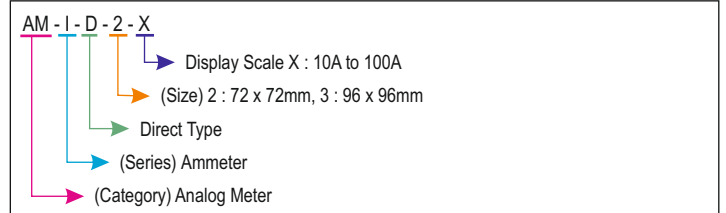


Compliance

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-I-D-2-X-CE-RoHS	CE
AM-I-D-3-X-CE-RoHS	CE
AM-I-D-2-X	---
AM-I-D-3-X	---



Available Scales (X) are 10, 15, 20, 25, 30, 35, 40, 50, 60, 70, 75, 80, 100 Ampere

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