

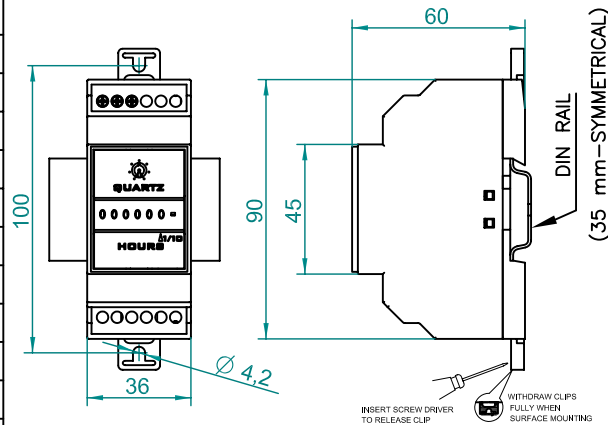
TECHNICAL SPECIFICATIONS :

Cat. No.	30A6B1	30D1B1	30D4B1
Supply type	AC Model	DC Model	
Supply Voltage	90-264 VAC / 270-460 VAC	10-80 VDC	110 VDC
Frequency	50 / 60 Hz	NA	NA
Over Voltage protection	NA	96 VDC, 1 min.	NA
Reverse polarity protection	NA	Applicable	
Power Consumption	1VA (Max)	0.25 W (Max)	0.5 W (Max)
Register	6 Digit (3.6mm)		
Read Out	99999.9		
Least Count	0.1 Hrs		
Accuracy	±0.02% over entire range		
Weight	70 gms (approx)		
Operating Temperature	-5°C to 55°C		
Storage Temperature	-20°C to 70°C		
Humidity (Not-condensive)	5 to 95%		
Mounting	Base / Din rail		
Enclosure	Flame Retardant UL94V0		
Approvals	CE & RoHS compliant		
Degree of Protection	IP20 for Terminals and IP40 for Enclosure		
Dimensions (W X H X D)	36 X 60 X 100 mm		

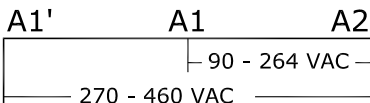
Compliance

ESD Immunity	IEC 61000-4-2 Level II
Radiated Susceptibility	IEC 61000-4-3 Level III
Electrical Fast Transients	IEC 61000-4-4 Level IV (AC) / II (DC)
Surge Immunity	IEC 61000-4-5 Level II
Conducted Susceptibility	IEC 61000-4-6 Level III
Voltage Dips (AC)	IEC 61000-4-11 Class A
Voltage Dips (DC) Level 1	IEC 61000-4-29 Class A
Conducted & Radiated Emission	CISPR 14-1 Class A
HV Test (All terminals & enclosure)	IEC 60255-5-1 4KV
Single Fault	IEC 61010-1
Insulation Resistance	UL 508 >50K Ohm
Leakage Current	UL 508 <3.5 mA
Cold Heat	IEC 60068-2-1
Dry Heat	IEC 60068-2-2
Vibration	IEC 60068-2-6 5g, 10-55 Hz
Shock	IEC 60068-2-27 40g, 6 ms

OVERALL DIMENSIONS & MOUNTING DETAILS:--



Connection diagram for AC model



SERIES : 2M HM-36

Cat. No.:

30A6B1
30D1B1
30D4B1



Features:-

1. Robust Design.
2. Frequency independent for AC applications.
3. High degree of accuracy.
4. Available wide supply range of 90 to 460 VAC & 10 to 80 VDC
5. Wide temperature range from -5 to 55°C.
6. Suitable for control panel applications.



Notes:-

- Product innovation being a continuous process, we reserve the right to alter specifications without any prior notice.
- User is recommended to ensure the suitability of the product for the intended application.

⚠ Caution:-

- Always follow instructions stated in this leaflet.
- Before installation, ensure that the specifications agree with the intended application.
- Installation must be done by skilled electrician.
- Automation and control devices must be installed properly so that they are protected against involuntary actuations.
- Suitable dampers should be provided in the event of excessive vibrations.
- Wrong connection may cause product damage

Terminal Details:--

 Ø3.5...4.0 mm	0.54 N.m (5 Lb.in) Terminal screw- M2.6
	1 x 0.2...3.3 mm ² Solid Wire / Single Wire Ferrule
AWG	1 x 24 to 12

Use Cu wire of 60/75°C only.