

AC Current Transducer CVM 101 H

$I_{PN}=12.5-25-50-100A$

Transducer for the electronic measurement of AC sinusoidal waveforms, with galvanic isolation between the primary (High power) and the secondary circuit (Electronic circuit).



RoHS COMPLIANT



Operating performances (AT =25)

Primary current	I_{PN}	12.5,25,50,100	A
Output signal	I_{OUT}	4~20	mA/dc
Supply voltage ($\pm 10\%$)	V_{CC}	18	Vdc
Load resistance	R_L	< 250	Ω
Accuracy	ϵ_L	± 1	%
Linearity	L	± 0.2	%
RMS Isolation voltage test, 50Hz, 1min	X	2	KV
Frequency bandwidth	f	40~400	Hz

General data

Operating temperature	T_O	-25 to +70	
Storage temperature	T_S	-40 to +80	
Operating Humidity		0 - 95	% RH
Storage Humidity (Non-Condensing)		0 - 98	% RH
Mass	m	135g	
Note		Insulated plastic case recognized according to UL 94-V0	

Features

AC sinusoidal measurement	Panel mounting
Average responding	Current output

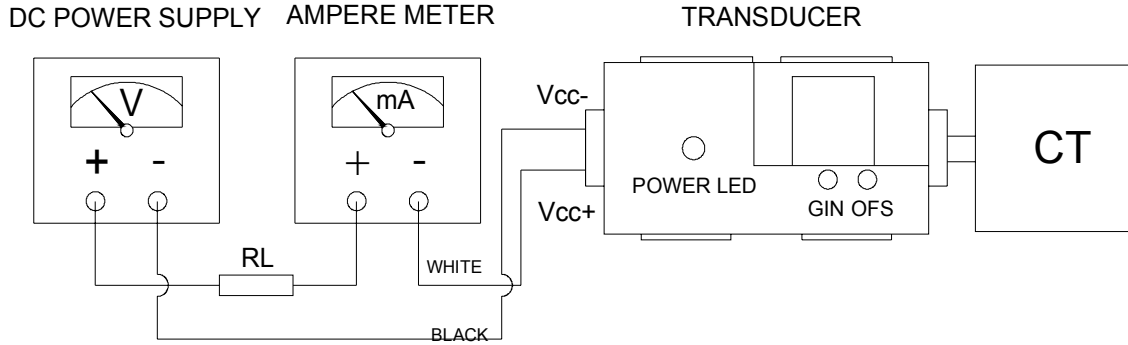
Applications

Automation systems	Analog current reading for remote monitoring(e.g.motor)
Panel meters	Simple connection displays power consumption.

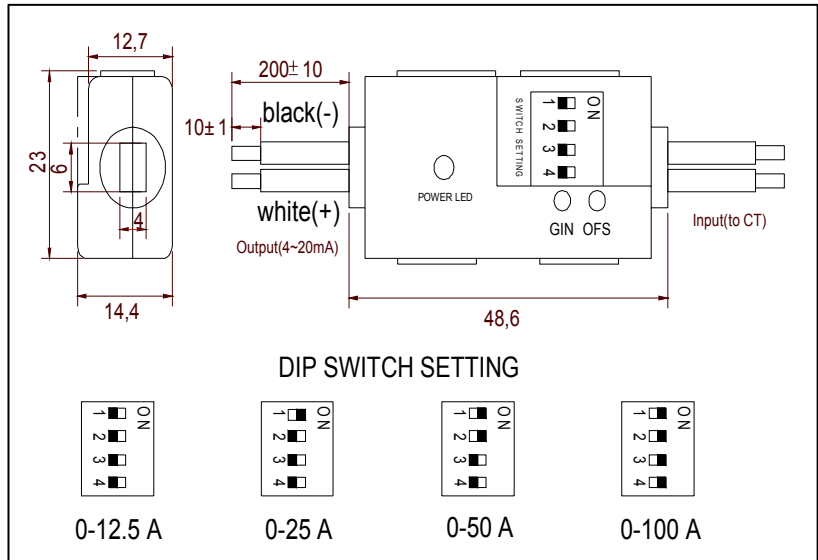
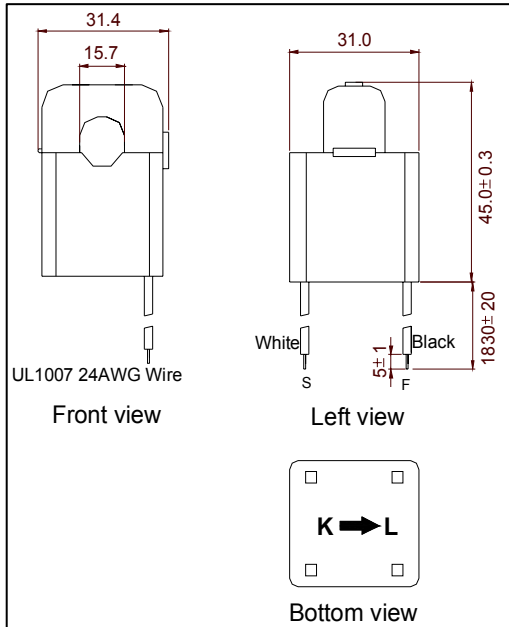
Advantages

Easy to mount	High isolation between primary and secondary circuits
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Connection



Dimensions (unit: mm)



Remarks

Temperature of the primary conductor should not exceed 60