

# AC Current Transducer CVI 600H

**$I_{PN}=7.5-15-30-60A$**

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°C )

Primary current	$I_{PN}$	7.5,15,30,60	A
Output signal	$I_{OUT}$	4~20	mA/dc
Supply voltage ( $\pm 10\%$ )	$V_{CC}$	18	Vdc
Load resistance	$R_L$	<250	$\Omega$
Accuracy	$\epsilon_L$	$\pm 1$	%
Linearity	L	$\pm 0.2$	%
RMS Isolation voltage test, 50Hz,1min	X	2	KV
Frequency bandwidth	f	40~400	Hz

## ● General data

Operating temperature	$T_O$	-25~+70°C	
Storage temperature	$T_S$	-40~+80°C	
Operating Humidity		0 - 95	% RH
Storage Humidity ( Non-Condensing )		0 - 98	% RH
Mass	m	120g	
Note		Insulated plastic case recognized according to UL 94-V0	

## ● Features

◆ AC sinusoidal measurement	◆ Panel mounting
◆ Average responding	◆ Current output

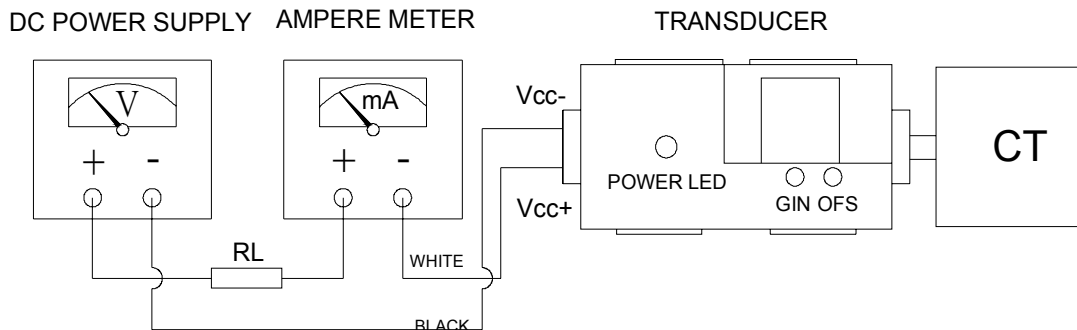
## ● Applications

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

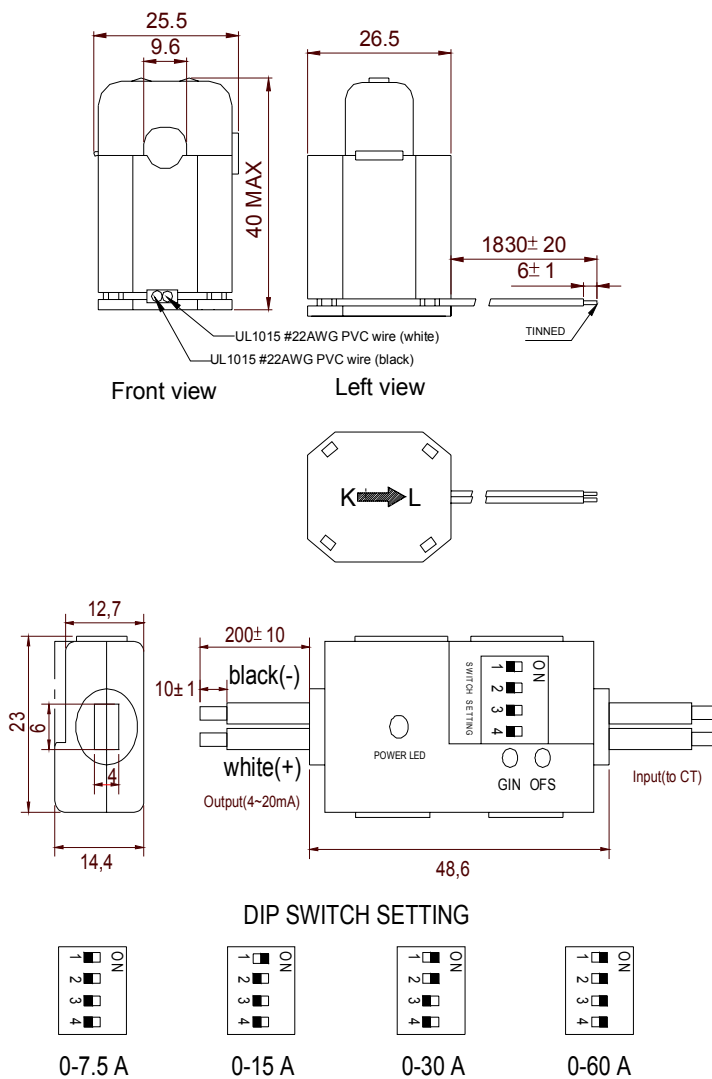
## ● Advantages

◆ 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°C