

AC Current Transducer HXQ 2R5..500X

$I_{PN}=2.5-50A$

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)

Model		HXQ2R5X	HXQ100X	HXQ200X	HXQ500X
Primary current	I_{PN}	2.5A	10A	20A	50A
Output signal	I_{OUT}	4~20			mA/dc
Supply voltage (±5%)	V_{CC}	18-30			Vdc
Load resistance	R_L	<250			Ω
Accuracy (40%---100% Primary)	ε_L	±2			%
RMS Isolation voltage test, 50Hz, 1min	X	2			KV
Frequency bandwidth	f	50-60			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	35g
Note	Insulated plastic case recognized according to UL 94-V0	

● Features

◆AC sinusoidal measurement	◆Panel mounting
◆Average responding	◆4-20mA output

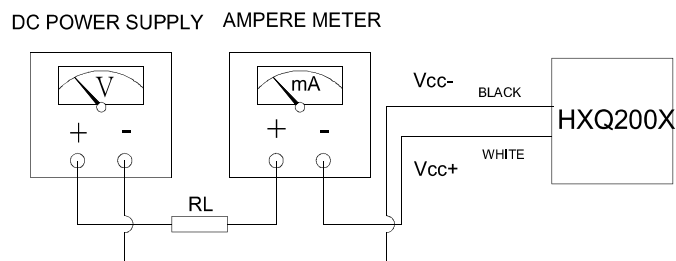
● Applications

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

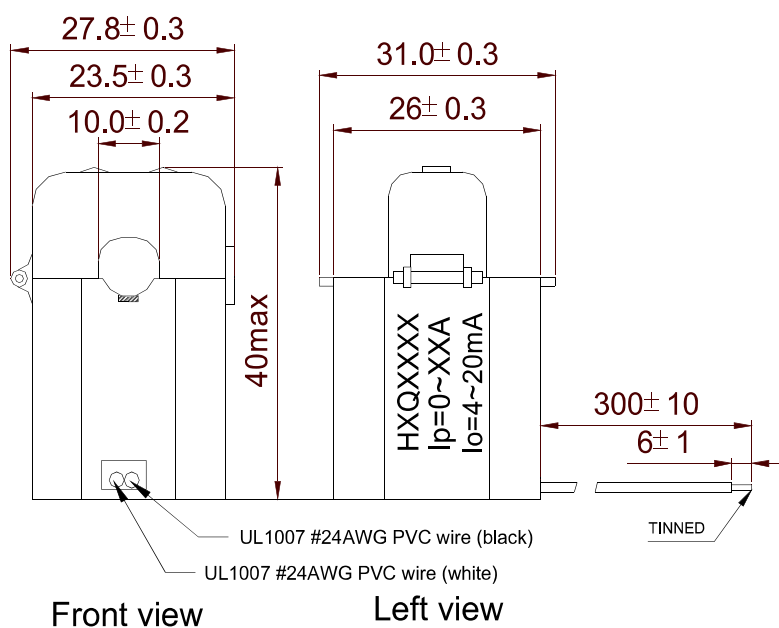
● Advantages

◆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 80°C

We are here for you. Addresses and Contacts.

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