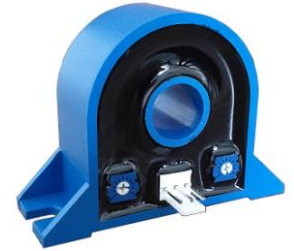




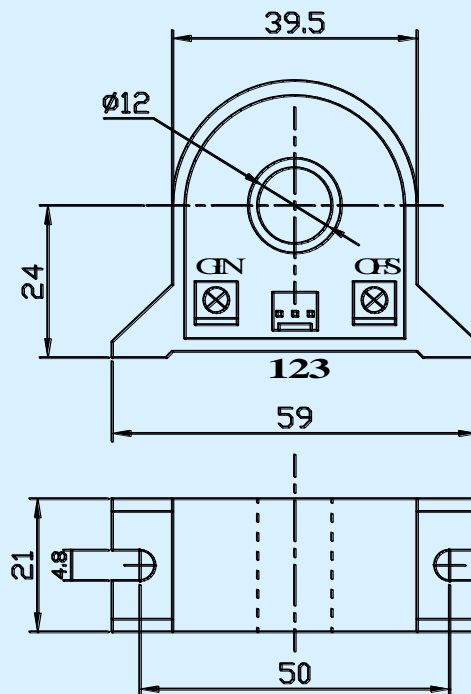
A-CS050GET AC Current Transducer

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



Electrical characteristics						
Type	A-CS005GET	A-CS010GET	A-CS020GET	A-CS050GET		
I_{PN}	Primary nominal input current	0~5(AC)	0~10(AC)	0~20(AC)	0~50(AC)	A(rms)
I_P	Measuring range of primary current	$I_{PN} \times 120\%$				A(rms)
I_{OUT}	Secondary Analogue output current	4-20(DC)				mA
V_C	Supply voltage	+12~+24				V
R_L	Load resistance	$V_C=12V$ 0-250	$V_C=24V$ 0-850		Ω	
ε_L	Linearity	<0.5				%FS
X	Accuracy	$T_A=25^\circ C$	< ± 0.8		%	
V_D	Insulation voltage	AC/50Hz/1min	3		kV	
I_0	Zero offset current	$T_A=25^\circ C$	4 ± 0.10		mA	
I_T	Thermal drift of I_{OUT}	$T_A = -25 \sim +85^\circ C$	< ± 0.005		mA/ $^\circ C$	
T_R	Response time	Response time@90% of I_P	≤ 300		ms	
f	Frequency bandwidth	20~5000				Hz
T_A	Ambient operating temperature	-25~+85				$^\circ C$
T_S	Ambient storage temperature	-40~+85				$^\circ C$
	Standard	Q/320115QHKJ01-2010				

Dimensions of drawing (mm)



Elucidation: 1: V_C 2:0V 3: I_{OUT} OFS:Zero adjustment GIN:Gain adjustment

Remarks

Incorrect connection may lead to the damage of the Transducer.