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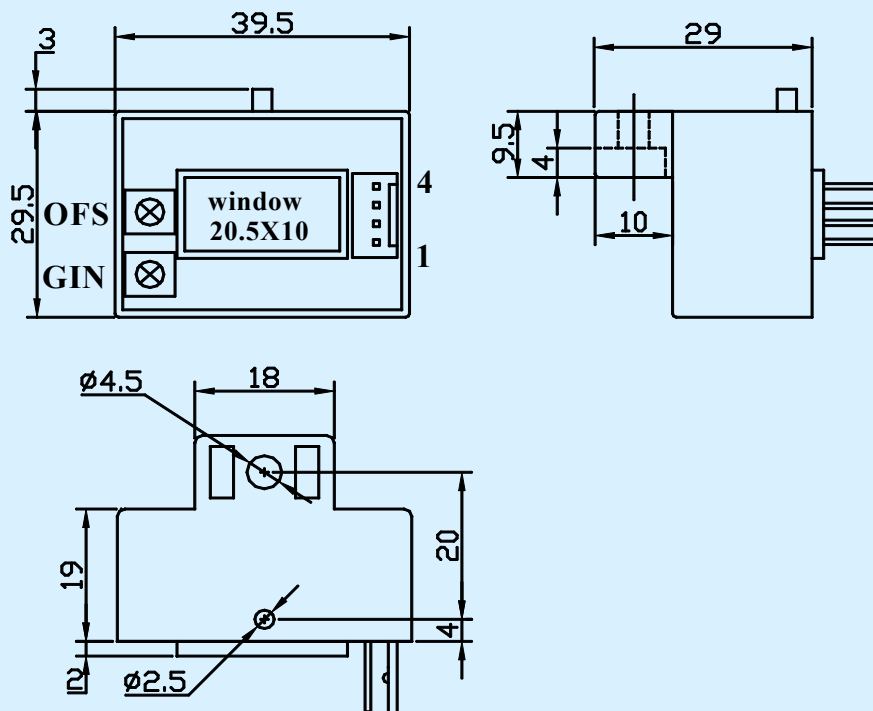
A-CS300B AC Current Transducer



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-CS030B	A-CS050B	A-CS100B	A-CS150B	A-CS200B	A-CS300B		
I_{PN}	Primary nominal input current	30(AC)	50(AC)	100(AC)	150(AC)	200(AC)	300(AC)	A(rms)
I_P	Measuring range of primary current	0~60(AC)	0~100(AC)	0~200(AC)	0~300(AC)	0~400(AC)	0~600(AC)	A(rms)
V_{OUT}	Secondary Analogue output voltage	4±1% (DC)						V
V_C	Supply voltage	±12 ~±15(±5%)						V
I_C	Current consumption	$V_C=±15V$		<20			mA	
V_D	Insulation voltage	AC/50Hz/1min		2.5			kV	
ϵ_L	Linearity	<1						%FS
V_O	Offset voltage	$T_A=25^\circ C$		<±20			mV	
V_{OT}	Thermal drift of V_O	$I_P=0$ $T_A=-25\sim+85^\circ C$		<±1			mV/°C	
T_R	Response time	Response time@90% of I_P		≤20			ms	
f	Frequency bandwidth	20~20000						Hz
T_A	Ambient operating temperature	-25~+85						°C
T_S	Ambient storage temperature	-40~+100						°C
m	Mass	55						g
	Standard	Q/320115QHKJ01-2013						

Dimensions of drawing (mm)



Elucidation: 1:+15V 2:-15V 3: V_{OUT} 4:0V(GND) OFS:Zero adjustment GIN:Gain adjustment

Remarks

·Incorrect connection may lead to the damage of the Transducer.