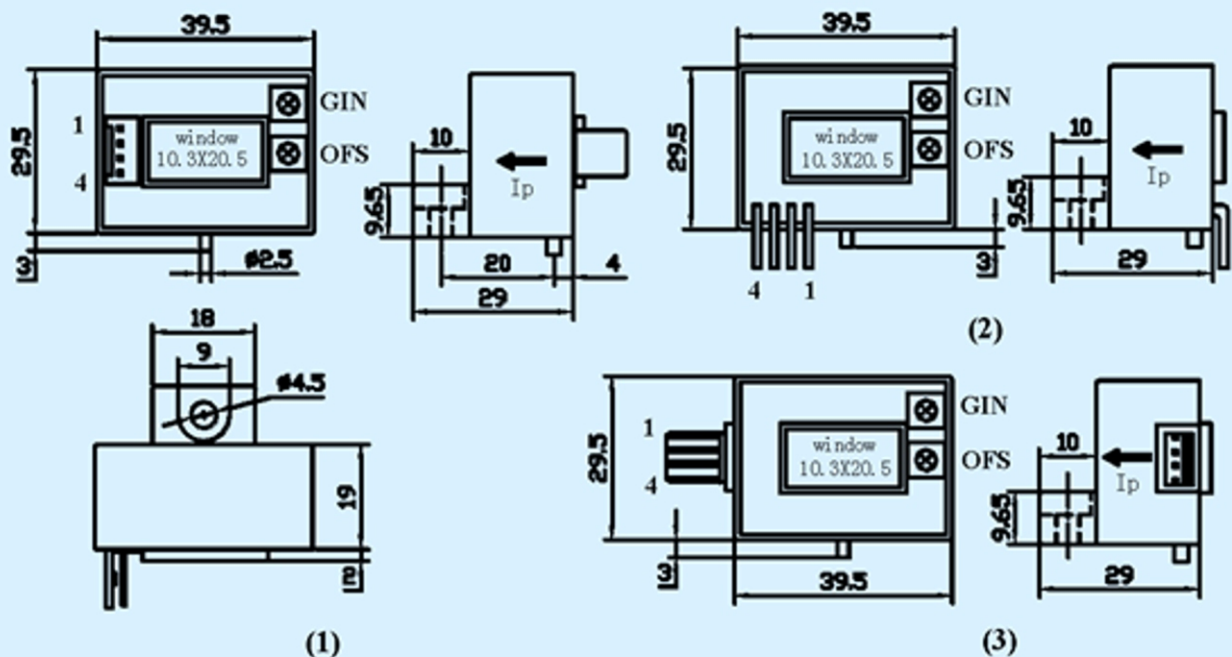


## Electrical characteristics

Type	CS100B	CS200B	CS300B	CS400B	CS500B	CS600B			
$I_{PN}$	Primary nominal input current	100	200	300	400	500	600	A	
$I_P$	Measuring range of primary current	0~±300	0~±600	0~±900	0~±900	0~±900	0~±900	A	
$V_{OUT}$	Nominal output voltage	4±1%						V	
$V_C$	Supply voltage	±15(±5%)						V	
$I_C$	Current consumption	$V_C=±15V$						<20	mA
$V_D$	Insulation voltage	AC/50Hz/1min						2.5	kV
$\epsilon_L$	Linearity							<1	%FS
$V_O$	Offset voltage	$T_A=25^\circ C$						<±25	mV
$V_{OM}$	Residual voltage	$I_{PN} \rightarrow 0$						<±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							≤3	μs
f	Frequency bandwidth(-3dB)							DC~20	kHz
$T_A$	Ambient operating temperature							-25~+85	°C
$T_S$	Ambient storage temperature							-40~+100	°C
$R_L$	Load resistance							≥10	KΩ
	Standard							Q/3201CHGL02-2007	

## 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 sensor.
- $V_{OUT}$  is positive when the  $I_P$  flows in the direction of the arrow.