

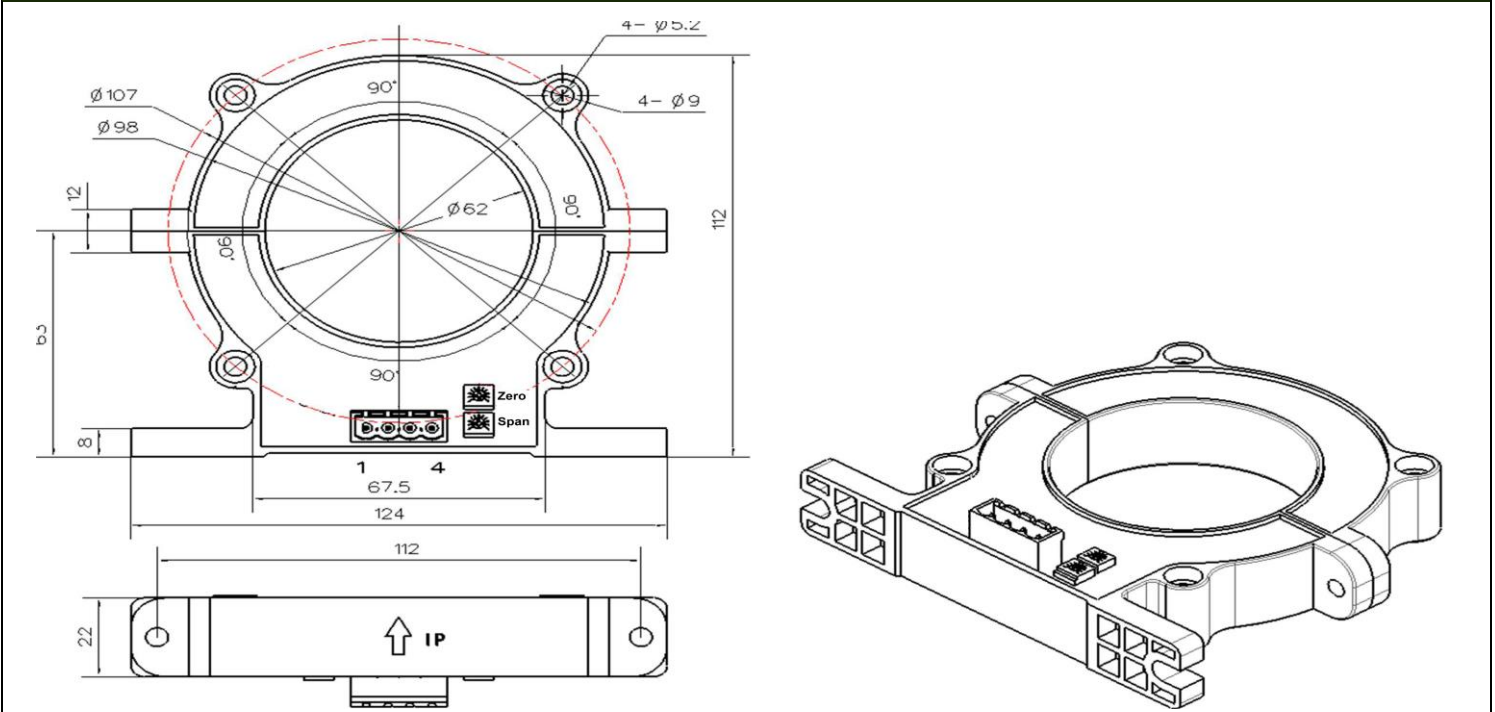
ASC-XX-3000-AC Hall-effect Current Sensor Series



General Specifications

	Type	ASC-XX-150-AC	ASC-XX-600-AC	ASC-XX-1000-AC	ASC-XX-3000-AC	
IPN	Primary nominal input current	0-150 (AC)	0-600 (AC)	0-1000 (AC)	0-3000 (AC)	A(rms)
IP	Measuring range of primary current	0-180 (AC)	0-720 (AC)	0-1200 (AC)	0-3600 (AC)	A(rms)
IOUT	Secondary nominal output current	4-20(±1%)				mA(dc)
RM	Measuring resistance	80~600				Ω
VC	Supply voltage	±24(±5%)				V
IC	Current consumption	35+IOUT				mA
VD	Insulation voltage	AC/50Hz/1min 5				kV
εL	Linearity	<1				%FS
IO	Zero offset current	TA=25℃ 4±0.1				mA
IoT	Thermal drift of IO	IP=0 TA=−25~+85℃ <0.005				mA/℃
TR	Response time	≤10				μs
f	Frequency bandwidth(-3dB)	0.02~3				kHz
TA	Ambient operating temperature	−25~+85				℃
TS	Ambient storage temperature	−40~+100				℃
m	Mass	500				g
	Special range	Other intermediate input ranges available on request				

G.A / Dimensions (mm)



Termination: 1:+24V 2:0V (GND) 3:Iout 4:0V (GND)

·Incorrect connection may lead to the damage of the sensor. ·IOUT is positive when the IP flows in the direction of the arrow.