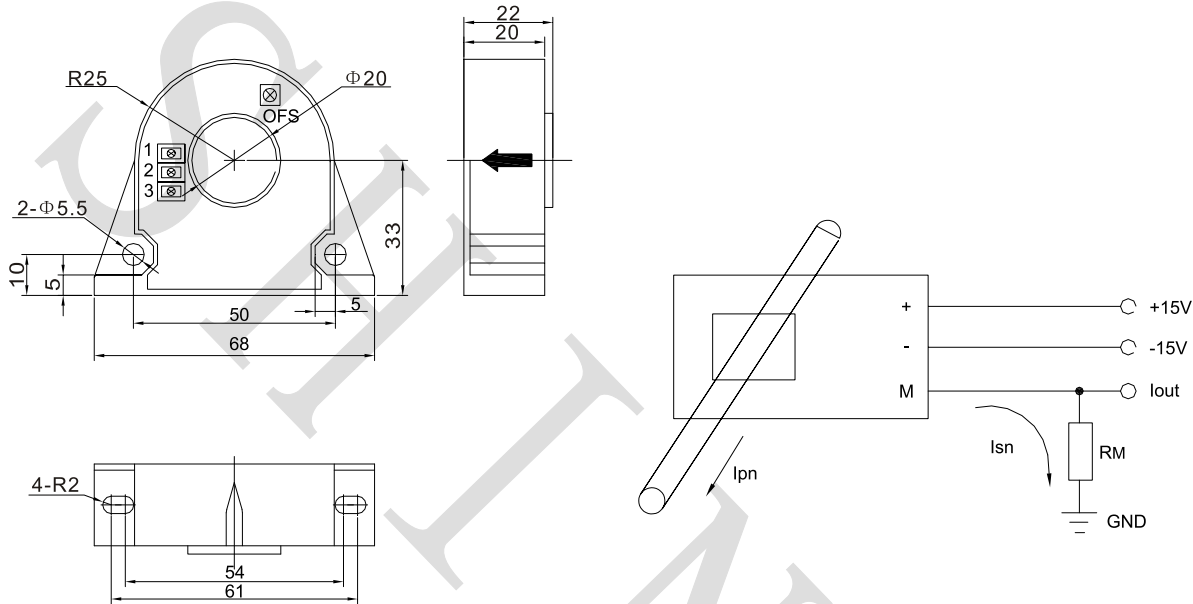


CUSTOMER		PART NO:	HBC200LTA
CUSTOMER P/N		NAME	Current Sensor
DATE	2011-01-10	HUMIDITY	48% (25 °C)

### MUTING DIMENSIONS



Closed loop (Compensated) current transducer using hall effect,  
 Insulated plastic case recognized according to UL94-V0

### ELECTRICAL DATA

Nominal Current	200	A
Measuring range	0...±300	A
Measuring overload	600	
Turns ratio	1:2000	
Measuring resistance (Ta=70deg)	with ±12V@±200A max-68(max)	Ω
	@±300A max-33(max)	Ω
	with ±15V@±200A max-95(max)	Ω
	@±300A max-50(max)	Ω
Supply voltage	±12...15	V
Nominal analogue output -secondary current	100	mA
Accuracy at +25 °C	0.8	%
Current consumption	20(@±15V)+output current	mA
RMS rated Voltage	safe seperation-1625	V
	Basic isolation-3250	
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# SPECIFICATION FOR APPROVAL



CUSTOMER		PART NO:	HBC200LTA
CUSTOMER P/N		NAME	Current Sensor
DATE	2011-01-10	HUMIDITY	48% (25 °C)

## Accuracy Dynamic Performance

Zero offset current Ta= 25 °C	$\pm 0.15\text{max}$	mA
Thermal drift of offset current	$-10^{\circ}\text{C}\sim+85^{\circ}\text{C}, \pm 0.3\text{max}$	mA
Response time	$< 1$	us
Linearity	$\leq 0.1$	%FS
Bandwidth(-3dB)	DC...100	KHz
di/dt	$> 100$	A/us

## General Data

Secondary internal coil resistance	Ta=70°C 35Ω & Ta=85°C 37Ω	Ω
Operating temperature	-10~+85	°C
Storage temperature	-40~+90	°C

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