

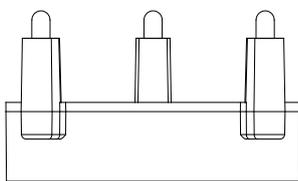
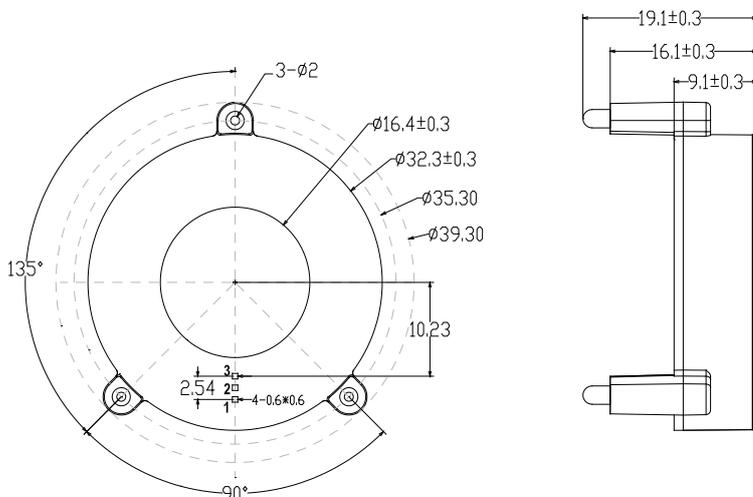
For the electronic measurement of currents:DC,AC,pulsed,mixed, with a galvanic isolation between the primary(high power) circuit and the secondary(electronic) circuit.



### Electrical Specifications

Primary nominal r.m.s. current	$I_{PN}$	900A
Primary current measuring range	$I_P$	0~±900A
$\Delta V_O$ at peak rated current	$\Delta V_O$	1.724V @ $I_{PN}, V_C=5V, R_L=10K\Omega$
Supply voltage	$V_{CC}$	4.5~10.5VDC
Offset voltage	$V_O$	$(V_{CC}/2) \pm 2\%$ @ $I_P=0, T_A=25^\circ C$
Supply current	$I_C$	7.2mA type 8.7mA max@5V, $T_A=25^\circ C$
Output current	$I_{OUT}$	2mA MAX
Output linearity	$\epsilon_L$	$\leq \pm 1\%$ @ $0 \sim \pm I_{PN}$
Accuracy	X	$\pm 2\%$ @ $I_{PN}$
Thermal drift of $V_O$		0.03%/°C
Thermal drift of Gain		0.03%/°C
di/dt accurately followed	di/dt	> 50A/μs
Frequency bandwidth	f	DC~50KHz
Response time	Tr	6μs
Isolation voltage	$V_d$	2.5KV @50(60)HZ/1min
Operating temperature	$T_O$	-45~+125°C

### Mechanical Dimensions in mm



SECONDARY TERMINAL	
1	5V
2	GND
3	OUT

### APPLICATIONS

- AC variable speed drives and servo motor drives
- Static converters for DC motor drives
- Battery supplied applications
- Switched Mode Power Supplies(SMPS)

### FEATURES

- PCB Mount
- 16mm windows size
- 0~900A current customized
- Weight 23g

### Advantage

- Output voltage is isolated from the input
- Low power consumption
- Good linearity
- Excellent temperature stability