

TR0223-LBC24

AC 15A/DC 10V



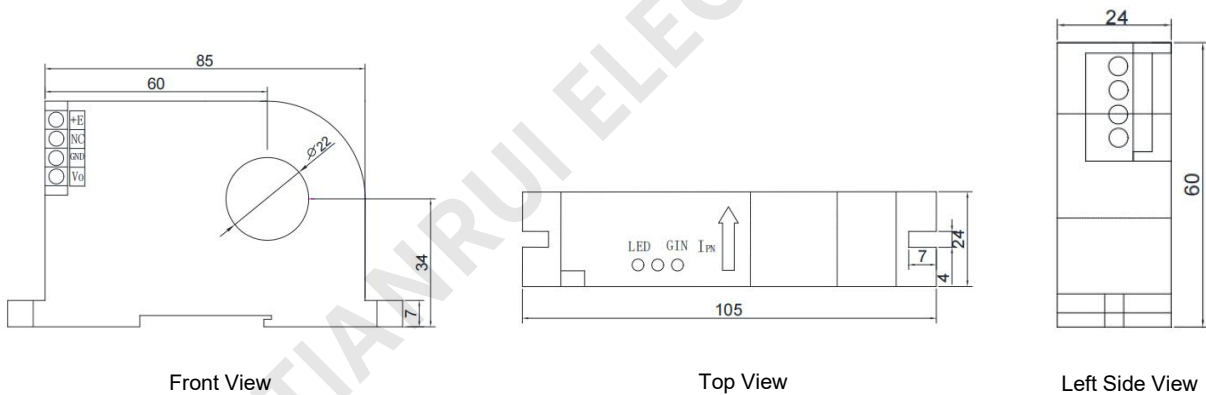
Products Features

- Excellent accuracy, good linearity
- High immunity to interference, excellent CMRR
- Low drift, low power, wide bandwidth
- Perforated structure, no insertion loss

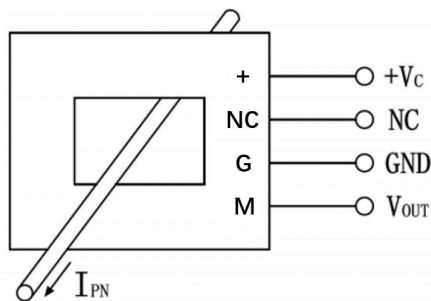
Applications

- Automatic Control
- Measuring Meter
- Railway Monitoring System
- Station Control System

Mechanical Dimension(mm)



Circuit Connection Diagram



Symbol	Description
I_{PN}	Primary-side Signal Input
+	Positive Power Supply
NC	NC
G	GND
M	Secondary-side Signal Output



Technical Data

@T_A=25°C,unless otherwise stated

Type		TR0223-LBC24
I_{PN}	Primary Rated Input Current	AC 15A
I_P	Primary Current Measure Range	AC 0~18A
V_{SN}	Secondary Rated Output Voltage	DC 10V
U_C	The Power Supply Voltage	DC 24V
R_L	Load Capacity	$R_L \leq 500\Omega$
ε_L	Linearity	0.1%
X	Accuracy	$\pm 0.5\%$
BW	Frequency Bandwidth	40 ~ 5kHz
	Overload Capacity	10 times
I_C	Current Consumption	$<15mA + I_s$
U_d	Power Frequency Withstand Voltage	2.5kV AC/1min
t_r	Response Time	$<200ms$
I_0	Offset Current	$\leq 80\mu A$
	Temperature Drift	$\leq 500ppm/^{\circ}C$
T_A	Ambient Operating Temperature	-10°C~+70°C
T_S	Ambient Storage Temperature	-25°C~+85°C

I_s : output current

Contact Information

HUBEI TIANRUI ELECTRONIC CO.,LTD.

Add: No.8 Chuangye Road, Economic Development Zone, Tianmen 431700, Hubei, China

Website:www.trelectron.com

E-mail: export@hbtianrui.com