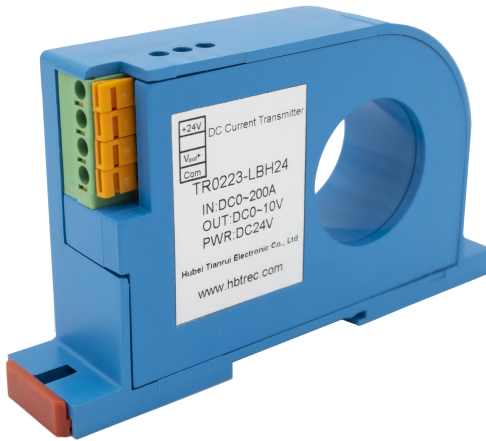


TR0223-LBH24

DC 200A/DC 10V



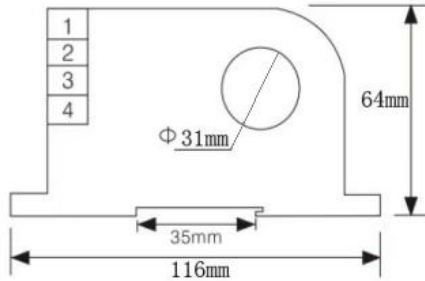
Products Features

- High-performance DC current sensing
- Cost-effective and energy-efficient design
- Compact and easy-to-install solution
- Reliable isolation and fast response

Applications

- Power grid monitoring and maintenance
- Petrochemical process control systems
- Steel production line current detection
- Industrial equipment energy efficiency analysis

Mechanical Dimension(mm)

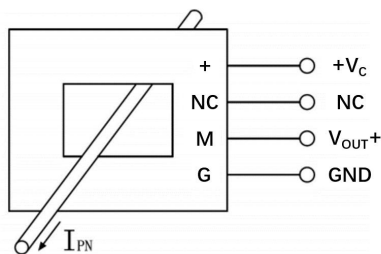


Front View



Top View

Circuit Connection Diagram



Symbol	Description
I_{PN}	Primary-side Signal Input
+	Positive Power Supply
NC	Not Connected
M	Secondary-side Signal Output
G	GND



Technical Data

@T_A=25°C, unless otherwise stated

Type		TR0223-LBH24
I_{PN}	Primary Rated Input Current	DC 200A
I_P	Primary Current Measure Range	DC 0~240A
V_{SN}	Secondary Rated Output Voltage	DC 10V
U_C	The Power Supply Voltage	DC 24V
R_L	Load Capacity	$R_L \geq 10k\Omega$
ε_L	Linearity	0.1%
X	Accuracy	$\pm 0.5\%$
BW	Frequency Bandwidth	DC~20kHz
	di/dt Accurately Followed	$>50A/\mu s$
I_C	Current Consumption	$\leq 25mA$
U_d	Power Frequency Withstand Voltage	2.5kV AC/1min
t_r	Response Time	$<200ms$
V_0	Offset Voltage	$\leq 50mV$
	Temperature Drift	$\leq 500ppm/^{\circ}C$
T_A	Ambient Operating Temperature	-10°C~+70°C
T_S	Ambient Storage Temperature	-25°C~+85°C

Contact Information

HUBEI TIANRUI ELECTRONIC CO.,LTD.

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

Website: www.hbtrec.com

E-mail: export@hbtianrui.com