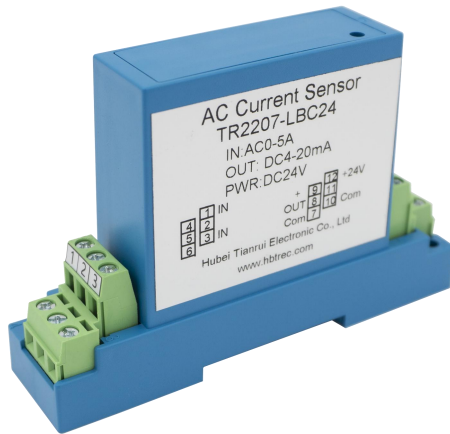


TR2207-LBC24

AC 5A/DC 4~20mA



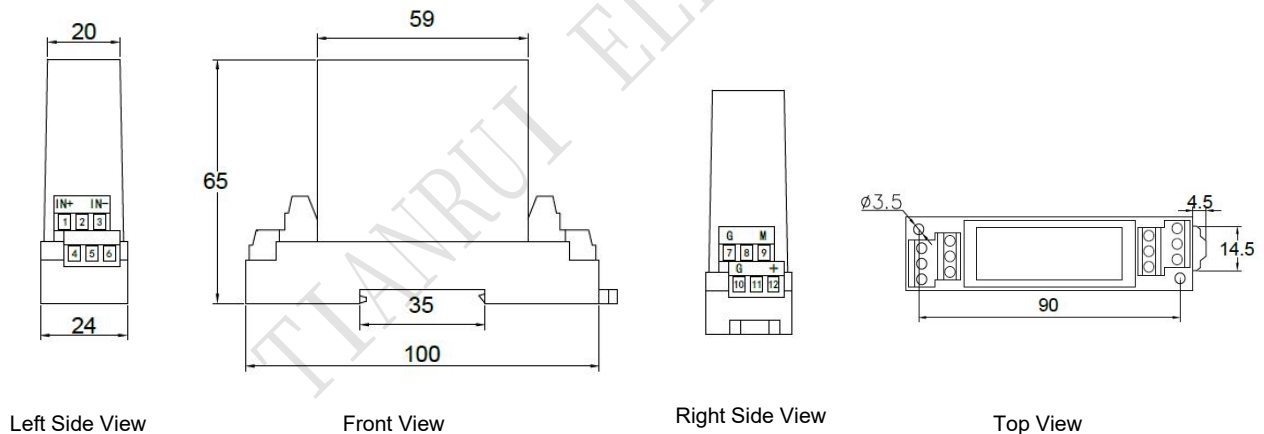
Products Features

- Excellent accuracy, good linearity
- High immunity to interference, excellent CMRR
- Low drift, low power, wide bandwidth
- High isolation between primary and secondary

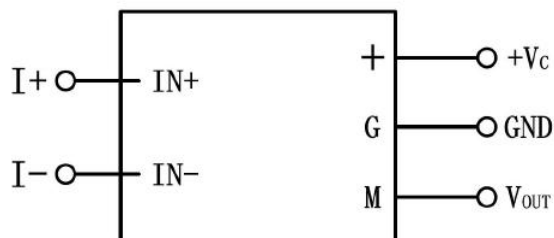
Applications

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

Mechanical Dimension(mm)



Circuit Connection Diagram



Symbol	Description
IN+	Primary-side Positive Signal Input
IN-	Primary-side Negative Signal Input
+	Positive Power Supply
G	GND
M	Secondary-side Signal Output



Technical Data

@T_A=25°C,unless otherwise stated

Type		TR2207-LBC24
I_{PN}	Primary Rated Input Current	AC 5A
I_P	Primary Current Measure Range	AC 0~6A
I_{SN}	Secondary Rated Output Current	DC 4~20mA
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	$<200ms$
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

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