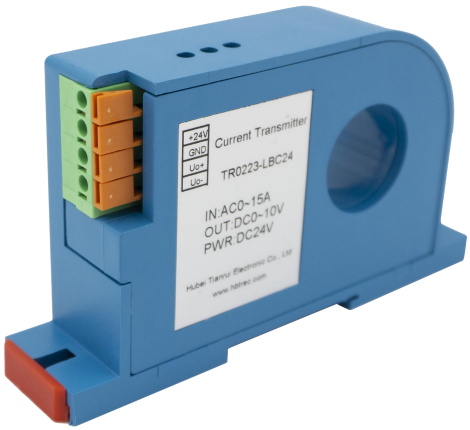
TR0223-LBC24

AC 15A/DC 10V



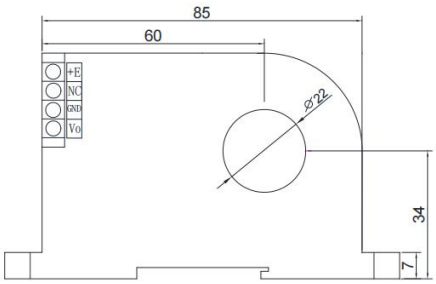
Products Features

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

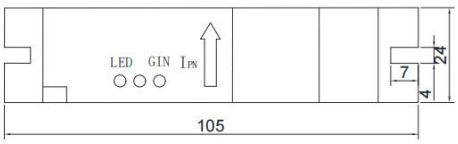
Applications

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

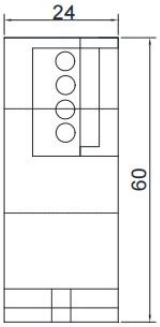
Mechanical Dimension(mm)



Front View

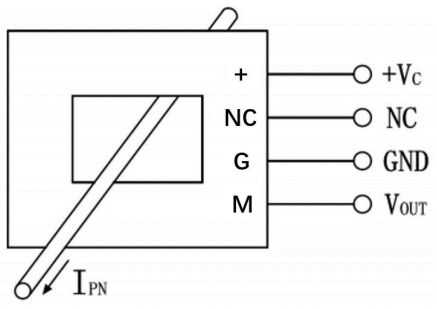


Top View



Left Side View

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℃,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 ≤ 500Ω
ε_L	Linearity	0.1%
X	Accuracy	±0.5%
BW	Frequency Bandwith	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	≤80μA
	Temperature Drift	≤500ppm/℃
T_A	Ambient Operating Temperature	-10℃~+70℃
T_S	Ambient Storage Temperature	-25℃~+85℃

I_S: output current

Contact Information

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