

Split Core Current Transformer ECS24200-L6

The ECS24 Series are split-core current transformers. The CT can be mounted to existing panels, such as control centers or load centers, to measure or monitor wattage. These CTs can be mounted without removing existing cables for easier installation

RoHS



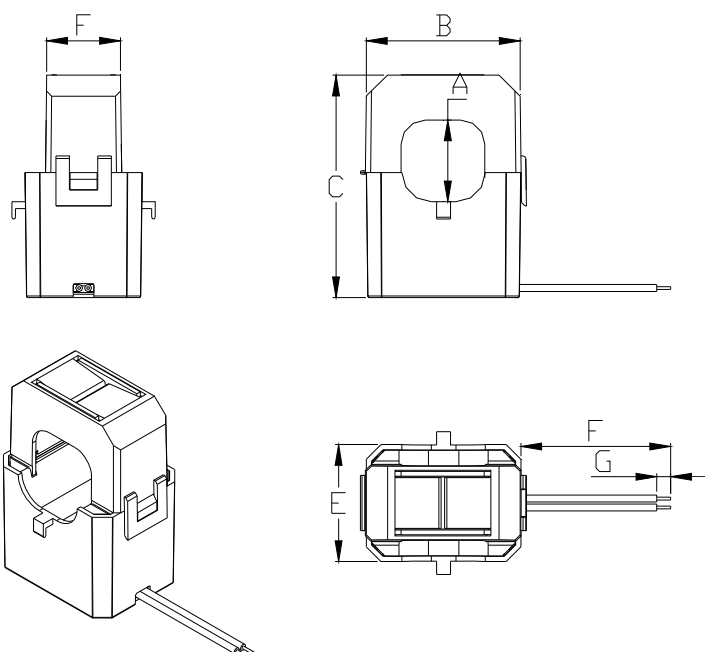
Electrical Specifications

Rated Primary Current(Amp.) 50/60Hz	200nom(1~300A max)
Max. Current (continuous)	400A
Turnn ratio	Np:Ns=1:3000
Current Ratio	200A/66.6mA
D.C.Resistance at 20 °C	150Ω
Accuracy @RL≤5Ω	0.5%
Linearity @RL≤5Ω	0.2%
Phase error at rated current range	≅ 1°
Operating Temperature Range	-40~85℃
Storage Temperature Range	-45~90℃
Dielectric Withstanding Voltage(Hi-pot)	2.5KV/1mA/1min
Impluse Withstand Voltage	5KV Peak
Insulation Resistance	DC500V/100MΩ min

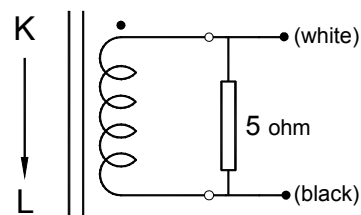
Mechanical Specifications

CUP	PBTRG 301
Opening Dimension	24mm min
Output type	UL1569 18AWG 300V 105℃
Approx.Weight	160g

Mechanical Dimensions in mm

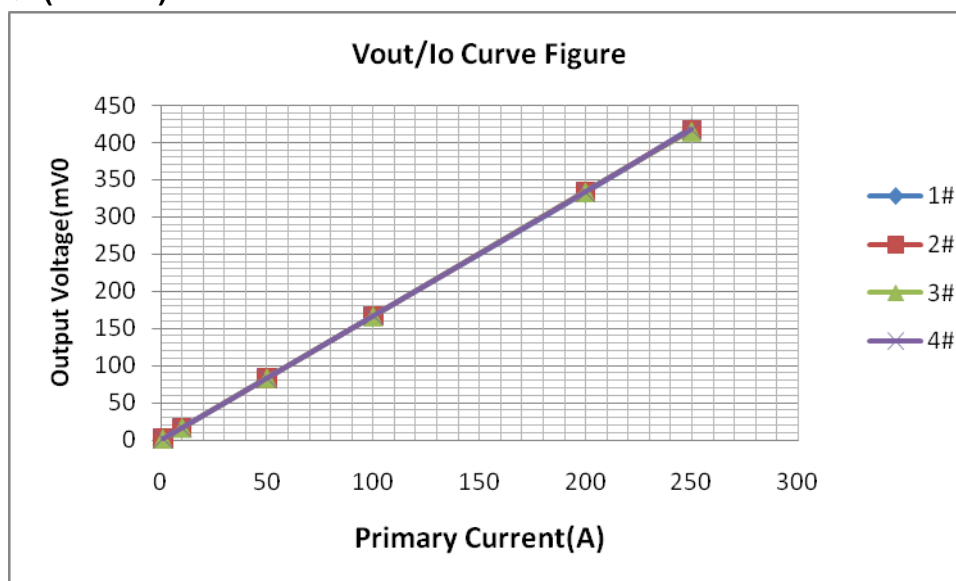


Test Circuit:



A	B	C	D	E	F	G
24±0.5	46max	66Max	22Max	34Max	155±10	10±3

Output curve: (RL=5Ω)





Applications:

- Current Measurement
- Monitoring & Protection

Advantage:

- Mount easy
- Excellent linearity over the whole range
- Fully RoHS Compliant.

Material List:

NO	ITEM	DESCRIPTION	UL Card	MATERIAL	NOTE
1	CORE		/	SILLICON STELL	
2	CASE	PBTRG301	E171666	PBT	
3	BOBBIN	PBTRG301	E171666	PBT	
4	WIRE	2UEW	E164502	UEW/U	
5	LEAD WIRE	UL1015 22AWG	E77981	PVC	105℃ 600V
6	SOLDER	99.3%	/	Sn	

CUSTOMER APPROVED

Approved by	Checked by	Acknowledged by

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