

## Split Core Current Transformer ECS2450-L24

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



### Electrical Specifications

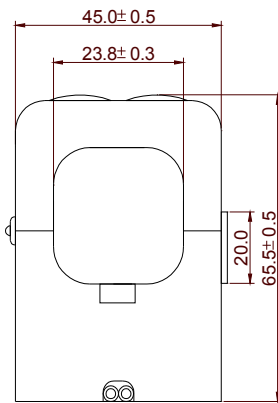
Rated Primary Current(Amp.) 50/60Hz	50nom(01~60A max)
Turn ratio	Np:Ns=1:10
Current Ratio	50A/5A
Accuracy @Rb=1VA	10%
Operating Temperature Range	-40~65℃
Storage Temperature Range	-45~85℃
Dielectric Withstanding Voltage(Hi-pot)	3.5KV/1mA/1min
Impluse Withstand Voltage	5KV Peak
Insulation Resistance	DC500V/100MΩ min

### Mechanical Specifications

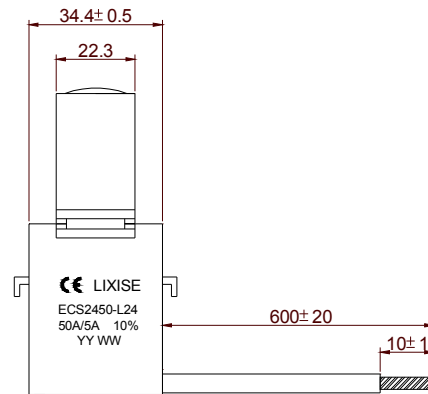
CUP	PP
Opening Dimension	24mm min
Output type	UL1007 16AWG PVC WIRE
Approx. Weight	160g

## Mechanical Dimensions in mm

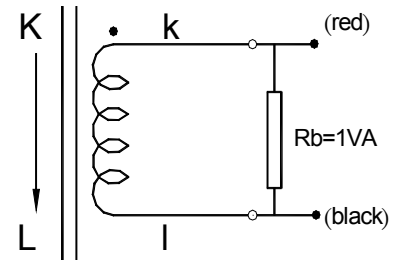
## Test Circuit



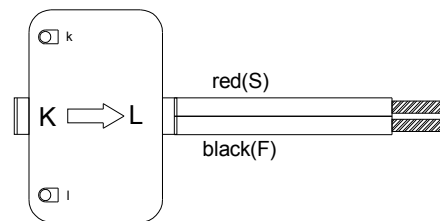
Front view



Right view



UL1007 16AWG PVC WIRE



Bottom view

## APPLICATION

- Current Measurement
- Electrical load monitoring
- Energy and sub-metering products
- Network equipment
- Instruments and sensors
- Control systems
- Go GREEN initiatives

## Advantage:

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

**Material List**

NO	ITEM	DESCRIPTION	UL Card	MATERIAL	NOTE
1	CORE	UU41	/	SILLICON STEEL	
2	CASE	M-0030N-V(BK)	E135714	PA	UL94-V0
3	BOBBIN	D202G15	E107536	PBT	
4	WIRE	2UEW	E164502	UEW/U	
5	LEAD WIRE	UL1007 16AWG	E301305	PVC	
6	SOLDER	99.3%Sn0.7%Cu	/	Sn	

**CUSTOMER APPROVED**

Approved by	Checked by	Acknowledged by

CUSTOMER P/ N( VER): 50A/5A