



AC Split Core Current Transformer

Type ECS24100-L79C

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

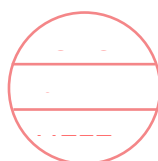
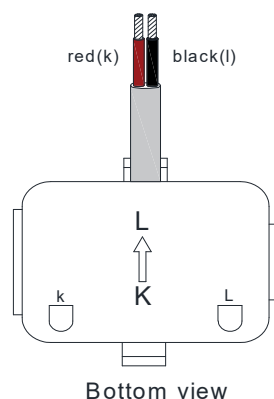
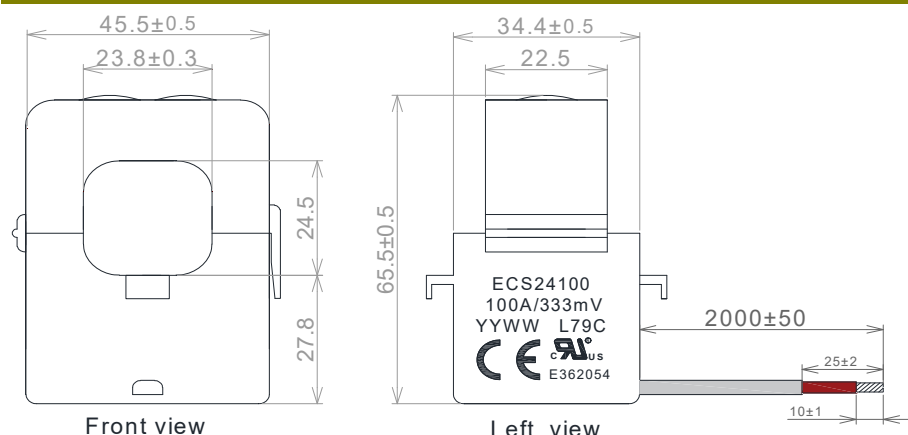


Electrical Specifications

Rated Primary Current(Amp.)	100nom(0.1~150A max)
Turn Ratio	Np:Ns=1:3000
Output Voltage	100A/333mV (Resistor inside the CT)
Accuracy	0.5%
Phase Error at Rated Current	$\leq 0.5^\circ$
Operating Temperature Range	-40~65°C
Storage Temperature Range	-45~85°C
Dielectric Withstanding Voltage	2.5KV/1mA/1min
Frequency Range	50-60 Hz
Insulation Resistance	DC500V/100MΩ min



Mechanical Dimensions in mm



APPLICATIONS

- Energy and sub-metering products
- Electrical load monitoring
- Power meters
- Power quality monitoring
- Control systems
- Go GREEN initiatives

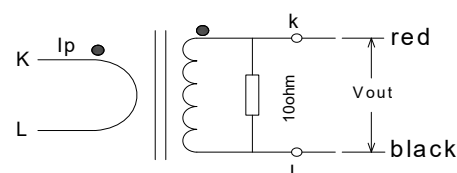
FEATURES

- Split core type
- 23.8*24.5mm window size (ID)
- Rigid case with UL 94V-0 durable plastic
- PVC wire leads 2103 24AWG cable output
- Approximate weight 185g
- ANSI C57.13 and IEC61869-2 Standards

Advantage

- Easy installation
- Excellent linearity over the whole range
- Compact case
- High isolation between primary and secondary

Connections Diagram



CAUTION

Before installation, safety precautions must be followed by licensed professional. Never energize primary unless short circuited terminals or burden connected to secondary.