

$I_{pn} = 30A$



Representative image only

**Features**

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**Advantage**

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**Applications**

- Metering application.
- Relay application.

**Application domain**

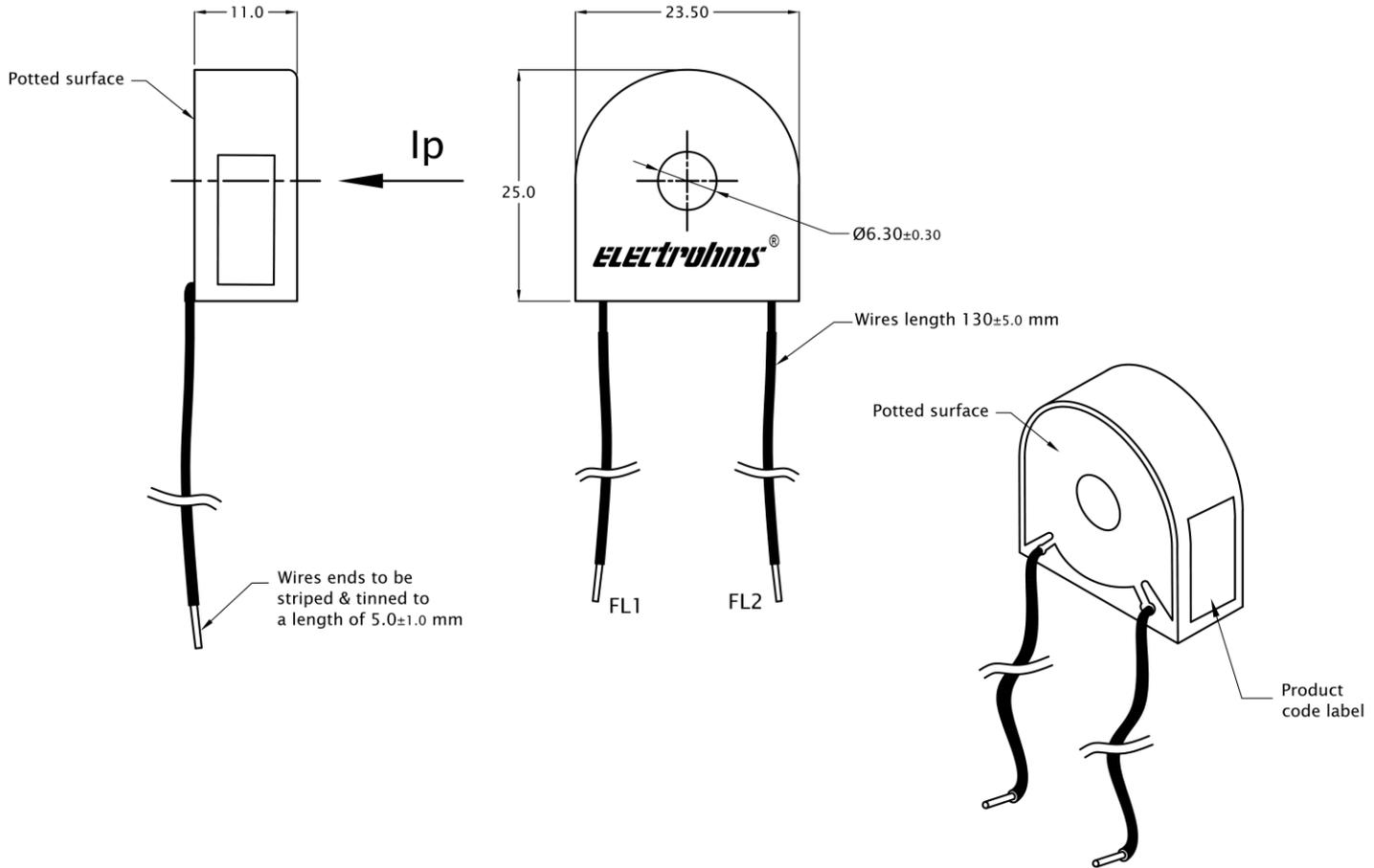
- Commercial
- Industrial

**Specifications @ 25°C**

Parameters	Symbol	Value	Units
Primary current range	$I_p$	0.25-30	Arms
Operating frequency	$f$	50/60	Hz
Half sine wave rectified, current amplitude	----	---	---
Secondary turns	$N_s$	2500	
Secondary winding resistance	$R_s$	132-168	$\Omega$
Recommended secondary burden resistance	$R_b$	30	$\Omega$
Amplitude error	AE	+/-0.3	%
Phase error	PE	<1.0	$^\circ$
Inductance @ 0.3Vrms, 100Hz,	L	$\geq 25$	H
Operating temperature range	$T_{opr}$	-10 to +60	$^\circ C$
Storage temperature range	$T_{stg}$	-10 to +60	$^\circ C$
Dielectric strength between rod inserted in the primary opening and secondary terminal, @ 50Hz, 60 seconds	$V_d$	2.5	kVrms
Mass	m	16	g

Amplitude error (AE) and phase error (PE) values are guaranteed with recommended secondary burden resistance values. Contact ELECTROHMS design group for use of burden other than recommended secondary burden resistance.

**Mechanical dimensions**



Tolerance unless otherwise specified

0.5 up to 3 in mm	>3 up to 6 in mm	>6 up to 30 in mm	>30 up to 120 in mm	>120 up to 400 in mm	>400 up to 1000 in mm	ALL DIMENSIONS ARE IN 'mm'	
± 0.20	± 0.30	± 0.50	± 0.80	± 1.20	± 2.0	SCALE - NTS	

**Termination Details**

S (Start FL1)	PVC wire 7X0.2mm, 24AWG, Red 130 +/-5.0mm Length. <sup>(1)</sup>
F (Finish FL2)	PVC wire 7X0.2mm, 24AWG, Black 130 +/-5.0mm Length. <sup>(1)</sup>

(1) Wire colours may change based on availability.

**Notes:**

- The start & finish of the CT will be as shown in the figure, when primary current flows in the direction of arrow.

**Safety**



- When operating the current transformer, primary busbar can carry hazardous voltage.
- Risk of electrical shock when current transformer is operated with secondary in open condition with primary winding energised.

**General information:**

Electrohms reserves the right to make modifications on products for improvements without prior notice.