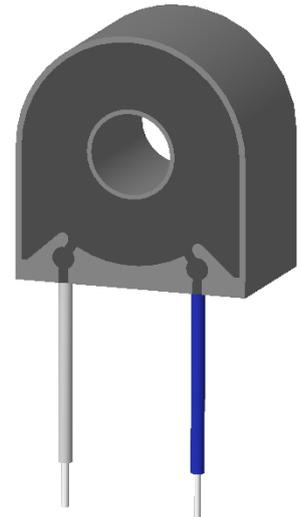




I_{PN} = 60A



Representative image only

Features

- Low amplitude error & phase error.

Advantage

- Excellent accuracy
- Very good linearity
- Low temperature drift

Applications

- Metering application.
- Relay application.

Application domain

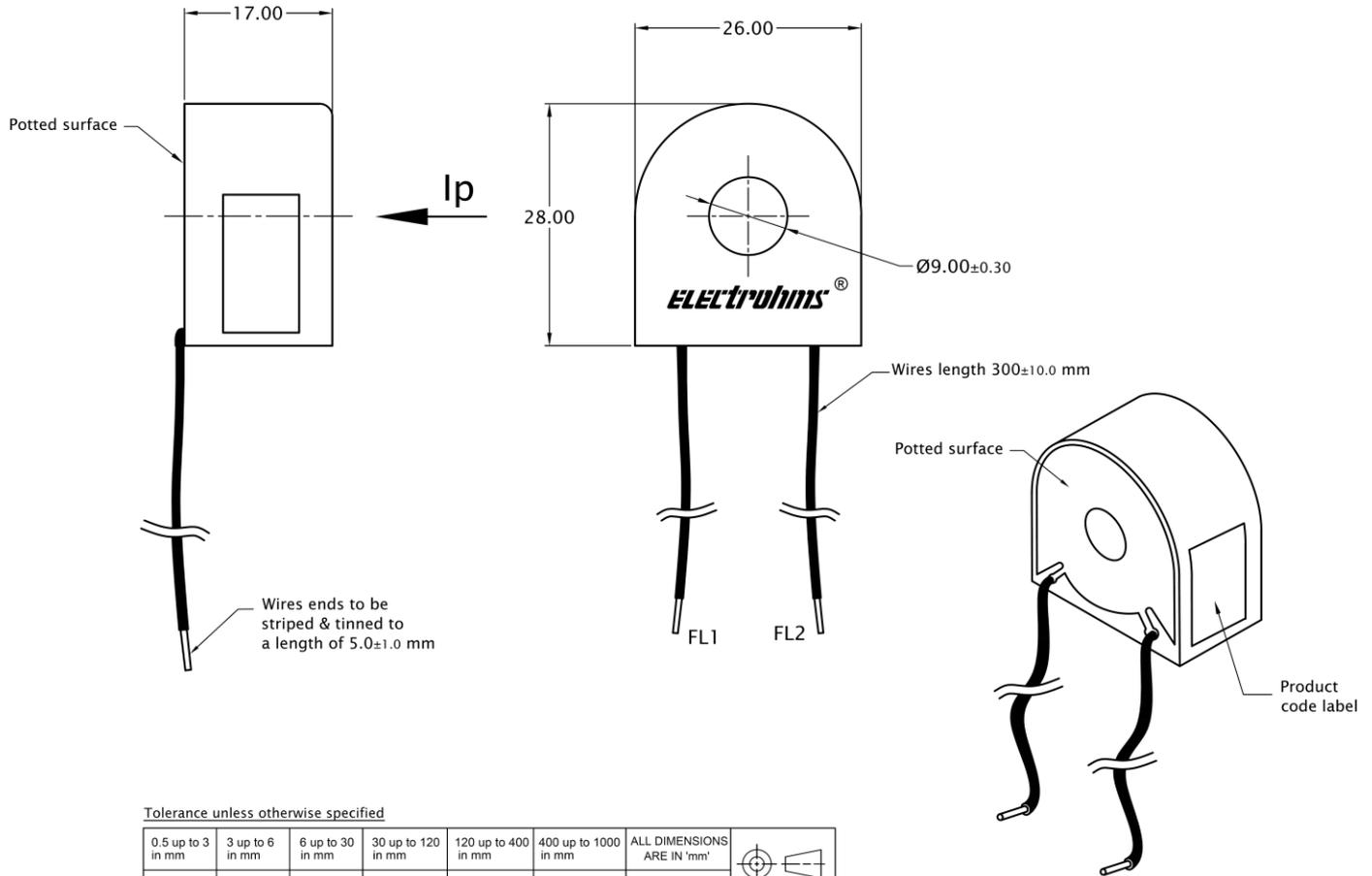
- Commercial
- Industrial

Specifications @ 25°C

Parameters	Symbol	Value	Units
Primary current range	I _p	0.25-60	Arms
Operating frequency	f	50/60	Hz
Half wave sine wave rectified, current amplitude	----	---	---
Secondary turns	N _s	2500	
Secondary winding resistance	R _s	59 - 75	Ω
Recommended secondary burden resistance	R _b	37.5	Ω
Amplitude error	AE	+/-0.1	%
Phase error	PE	<0.2	°
Inductance @ 0.3Vrms, 100Hz, parallel mode	L	≥ 125	H
Operating temperature range	T _{opr}	-40 to +85	°C
Storage temperature range	T _{stg}	-40 to +85	°C
Dielectric strength between rod inserted in the primary opening and secondary terminal, @ 50Hz, 60 seconds	V _d	4.0	kVrms
Mass	m	28	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)	PTFE wire 7X0.2mm, 24AWG, Blue 300 +/-10.0mm Length.
F (Finish FL2)	PTFE wire 7X0.2mm, 24AWG, White 300 +/-10.0mm Length.

Notes:

- The start & finish of the CT will be as shown in the figure, when primary current flows in the direction of arrow.
- Also available with UL approved materials on request.

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 rights to make modifications on products for improvements without prior notice.