

$I_{pn} = 0.050A$



Features

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Advantage

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Applications

- Relay application

Application domain

- Commercial
- Industrial

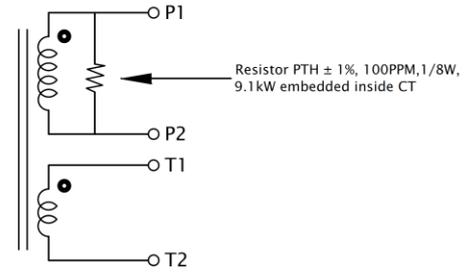
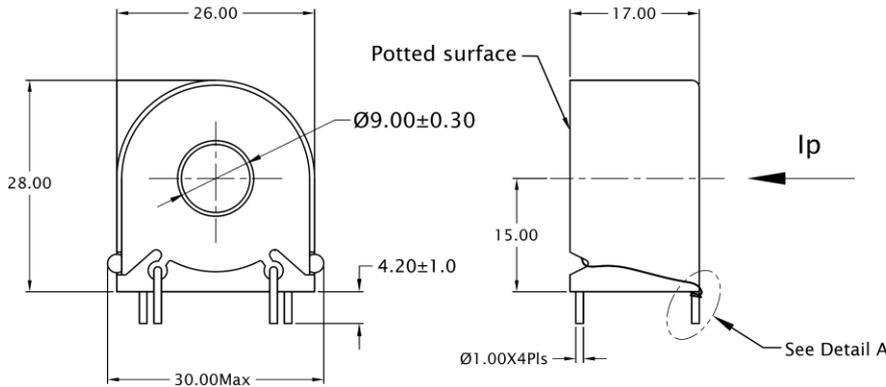
Specifications @ 25°C

Parameters	Symbol	Value	Units
Primary current range	I_p	0.050	Arms
Operating frequency	f	50/60	Hz
Half sine wave rectified, current amplitude	----	---	---
Secondary turns	N_s	645	
Secondary winding resistance	R_s	38 - 46	Ω
Recommended secondary burden resistance	R_b	10k	Ω
Amplitude error	AE	---	%
Phase error	PE	---	$^\circ$
Inductance @ 0.15Vrms, 50Hz, parallel mode	L	---	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	20	g

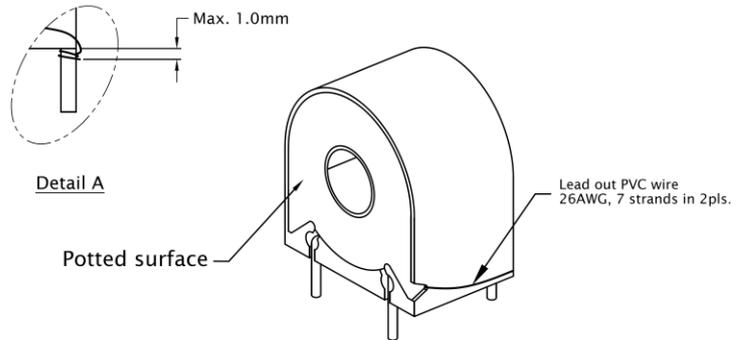
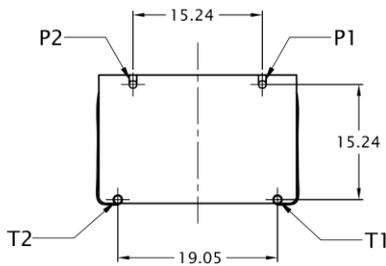
Amplitude error (AE) and phase error (PE) values are guaranteed with recommended secondary burden resistance values. Contact ELECTROHMS design group for use of burden other than recommended secondary burden resistance.

Mechanical dimensions

GENERAL TOL. ±0.5 mm	
ALL DIMENSIONS ARE IN 'mm'	SCALE -NTS



Schematic diagram



Termination Details	
P1	Start of main winding
P2	Finish of main winding
T1	Start of 2 turn test winding
T2	Finish of 2 turn test winding

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