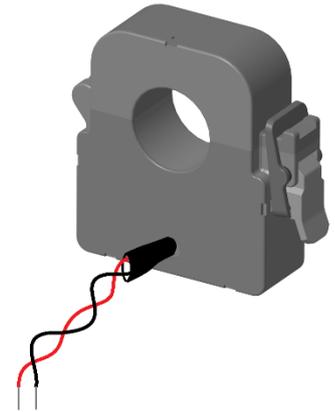




$I_{pn}$  50...300Arms



Representative image only

### Features

- Compact size
- Secure locking mechanism

### Advantages

- Very good linearity
- No insertion losses

### Applications

- Sub-Metering
- Data Loggers to analyse Building & Machinery Performance
- Load monitoring.

### Application domain

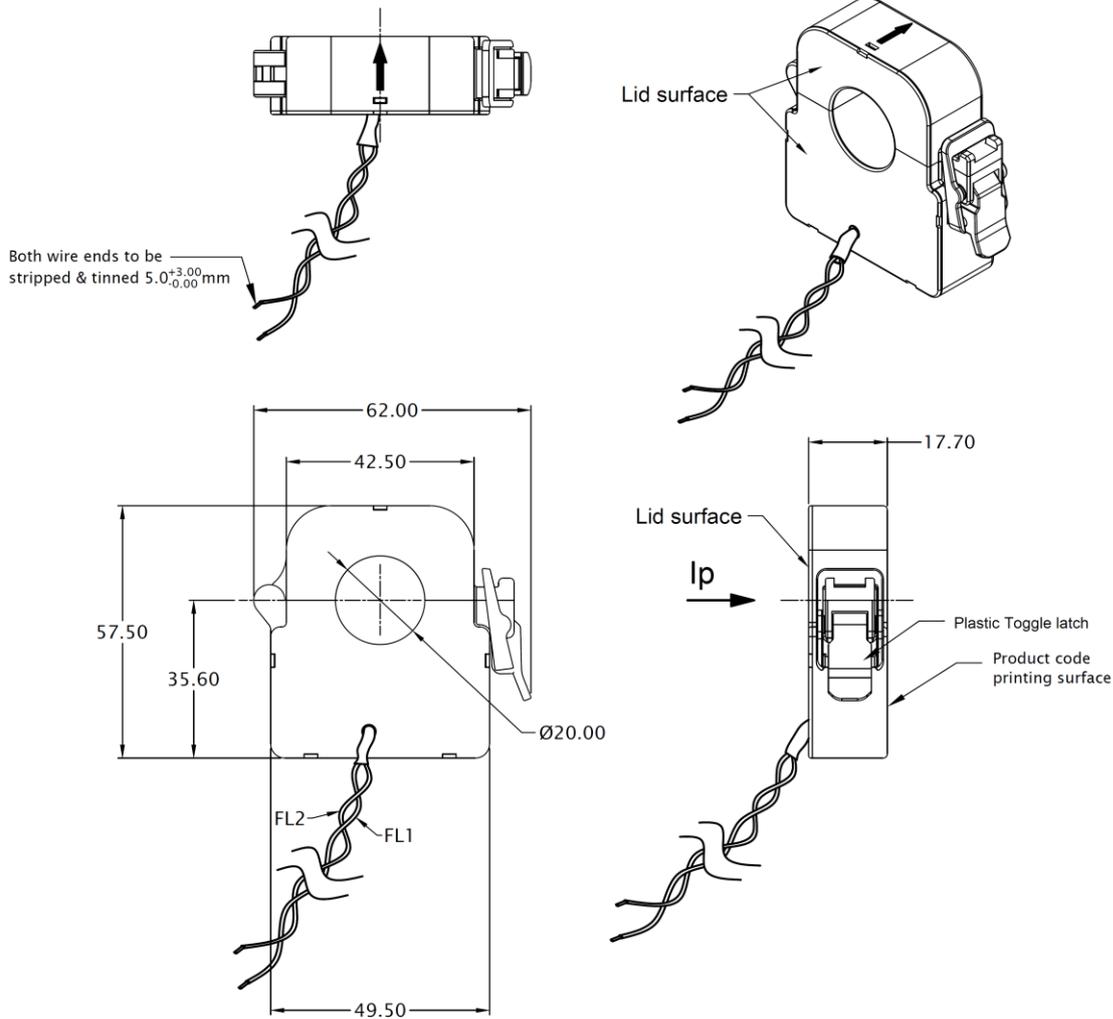
- Commercial
- Industrial

### Specifications @ 25°C

Product Code	Primary Nominal Current Arms ( $I_{pn}$ )	Output Voltage at nominal current ( $V_{rms}$ )
ST1409-V333050	50	0.333
ST1409-V333100	100	
ST1409-V333150	150	
ST1409-V333200	200	
ST1409-V333250	250	
ST1409-V333300	300	

Parameters	Symbol	Value	Units
Operating frequency	Hz	50/60	Hz
Overload current for 60 seconds	I	110	%
Amplitude error	AE	≤1.0	%
Operating temperature range	To	-10 to +70	°C
Storage temperature range	Ts	-10 to +70	°C
Dielectric strength between conductor inserted in the primary opening and secondary terminals @ 50Hz, 60 seconds	---	2.5	kVrms
Mass	m	100	g

**Mechanical dimensions**



Tolerance unless otherwise specified

0.5 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	± 0.50	± 0.80	± 1.20	± 2.0	SCALE -NTS	

Termination Details	
S (Start FL1)	PVC wire 11X0.20 mm, 22AWG, Red, 1000 +/-50.0mm Length.
F (Finish FL2)	PVC wire 11X0.20mm, 22AWG, Black, 1000 +/-50.0mm 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 right to make modifications on products for improvements without prior notice.