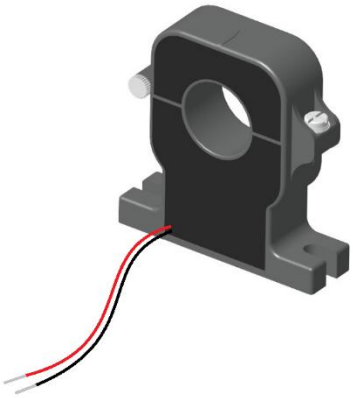
I_{pn} 50...200Arms



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

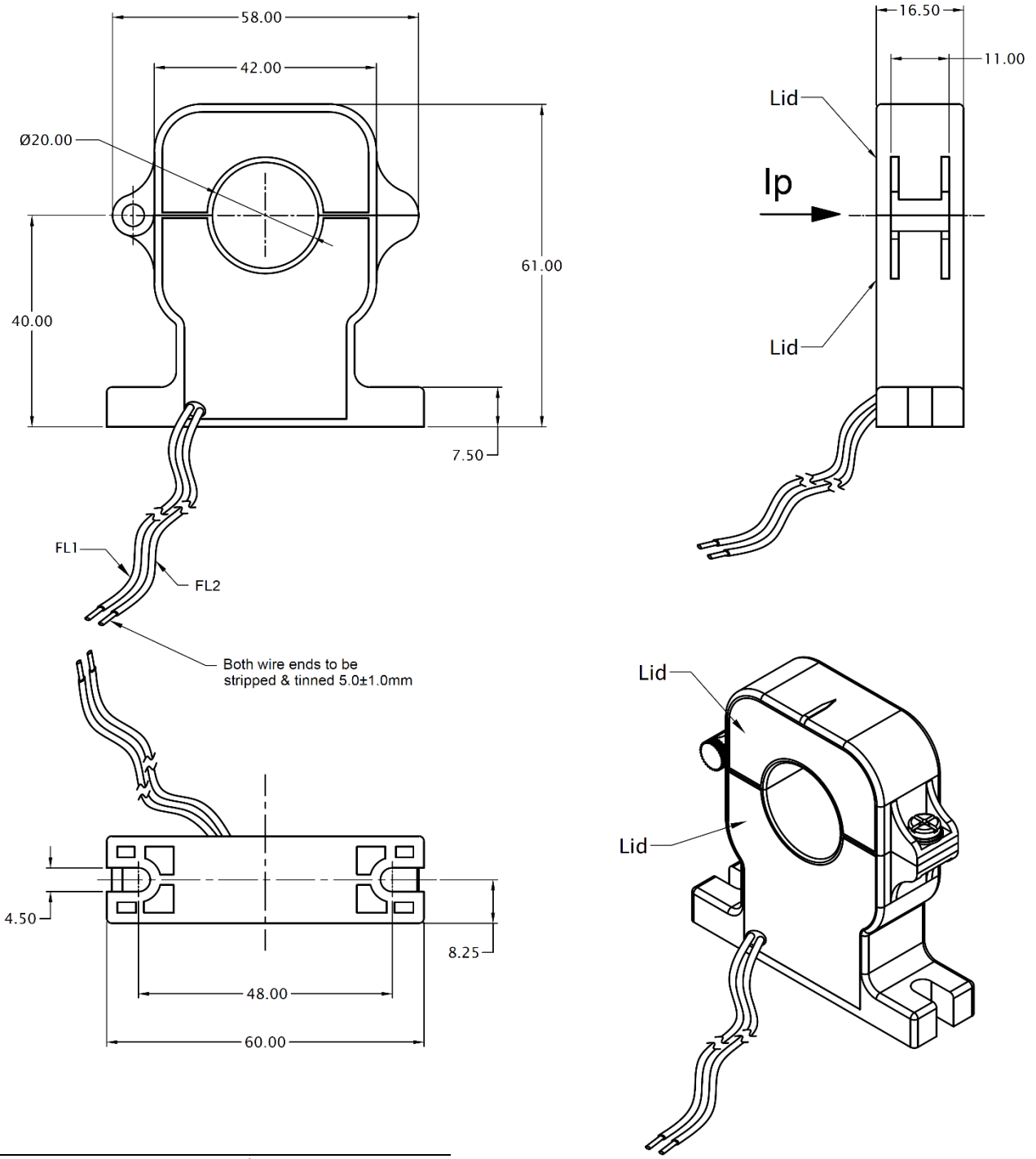
Specifications @ 25°C

Product Code	Primary Nominal Current Arms (I_{pn})	Output Voltage at nominal current (Vrms)
ST1369-V333050	50	0.333
ST1369-V333100	100	
ST1369-V333150	150	
ST1369-V333200	200	

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	85	g

Mechanical dimensions

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



Termination Details	
S (Start FL1)	PVC wire 7X0.20 mm, 24AWG, Red, 1000 +/-50.0mm Length.
F (Finish FL2)	PVC wire 7X0.20mm, 24AWG, Black, 1000 +/-50.0mm Length.

Notes:

- Transformer mounting: 2 Slots X Ø 4.5mm, M4 steel screws, recommended fastening torque 3 N-m
- 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.