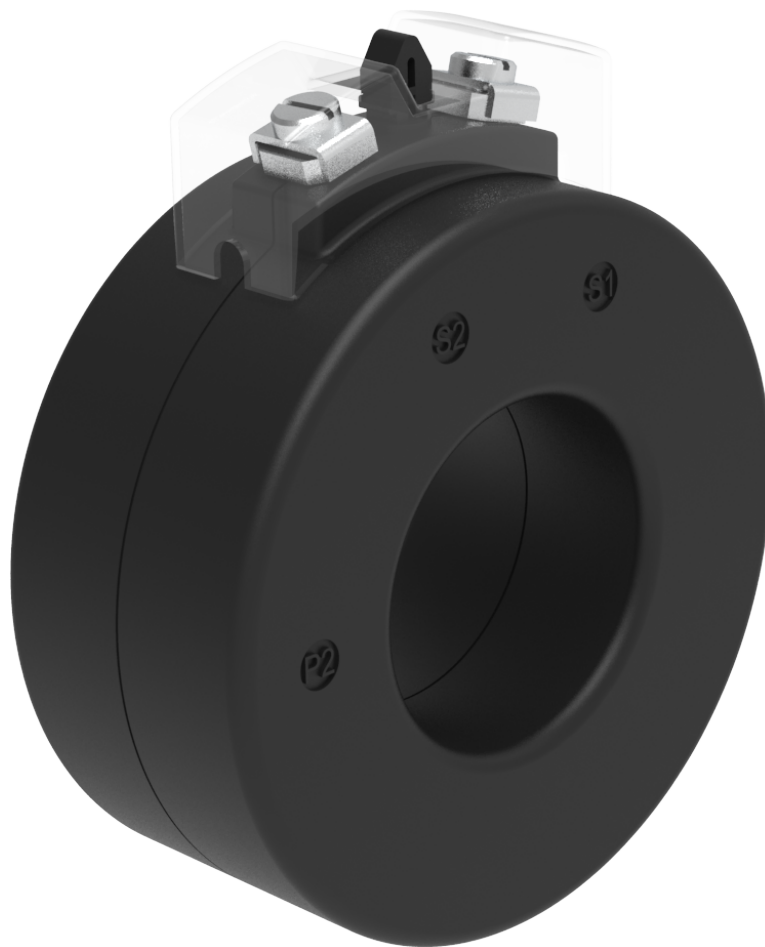




Data Sheet

RISH TW Series CT's

Current Transformer



E236986



Measure



Control



Record



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Features

- Wide range of system current ratings.
- Transparent Terminal cover.
- Various mounting options like Bus bar mounting, wall mounting.

Applications

- Switchgear
- Control Panels
- Distribution System
- Generator Sets
- Overload Protection
- Control Devices

Specification

Applicable Standard	IEC-61869-1&2/IEC-60044-1, BS 3938, IS 16227-1&2.
Case	Unfilled poly carbonate, flame retardant grades classified UL94V-0
Connection	M4 screws with self lifting clamp strap for Rish TW CT series.
Insulation Class	E (120°C max)
Highest voltage for equipment (Um)	720V maximum
Test Voltage	For Ring (Window) type CT 4KV 50 Hz for 1 min
Rated Frequency (fr)	50Hz / 60 Hz
Rated Primary Current (Ipr)	50A to 3200A
Rated Secondary Current (Isr)	5A standard (1A on request)
Rated continuous thermal current (Icth)	120% of Ipr
Rated Burden	1, 1.25, 1.5, 2.5, 3.75, 5, 7.5, 10, 12.5, 15, 20, 30, 45 VA
Class of accuracy	0.2 for laboratory and power measurement 0.5, 0.5S for accurate measuring, kWh 1 for general measurement 3 for indicating instruments
Ambient Temperature	-25°C to +40°C
Storage Temperature	-50°C to +80°C
Rated short-time thermal current (Ith)	60XIn for Bus Bar type CT
Rated Dynamic (peak withstand) Current (Idyn)	2.5XIth
Instrument security factor (ISF)	5, 10, 15, 20, 30.....(depends on VA Burden)

Mounting



Measure



Control



Record

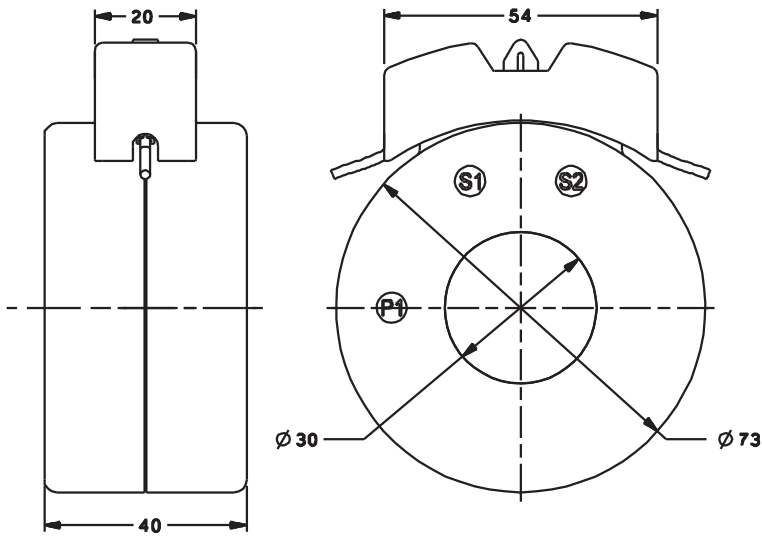


Analyze



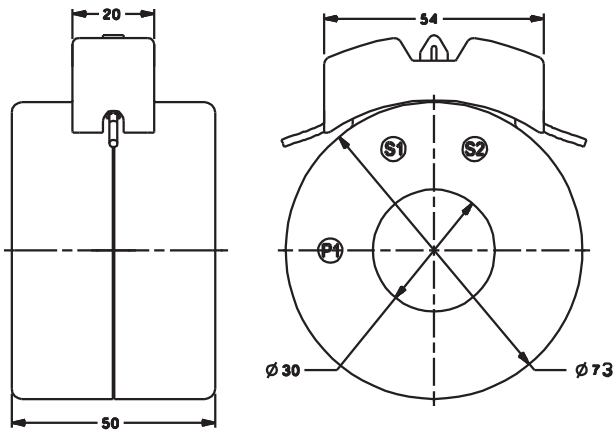
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RISH CT TW - 1



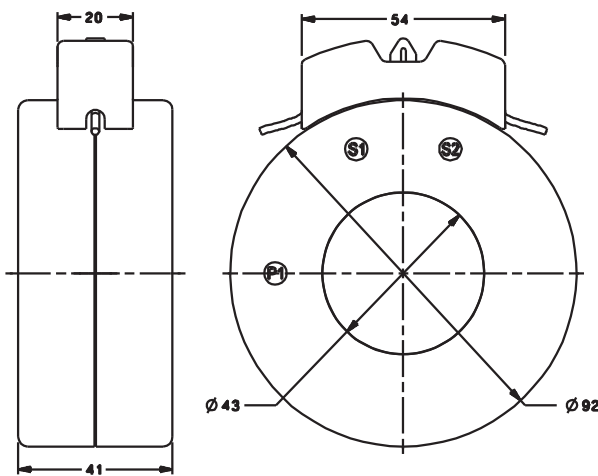
Primary Current	RISH CT TW - 1	
	Accuracy	
	0.5	1.0
50A	-	1.5VA
60A	-	1.5VA
75A	-	1.5VA
100A	1.5VA	2.5VA
120A	1.5VA	2.5VA
125A	2.5VA	3.75VA
150A	2.5VA	5VA
200A	5VA	10VA

RISH CT TW - 2



Primary Current	RISH CT TW - 2			
	Accuracy			
	0.2	0.5S	0.5	1.0
50A	-	-	-	1.5VA
60A	-	-	-	1.5VA
75A	-	-	1.5VA	2.5VA
100A	-	-	2.5VA	5VA
120A	-	-	2.5VA	5VA
125A	-	-	2.5VA	5VA
150A	-	2.5VA	5VA	10VA
200A	2.5VA	5VA	10VA	15VA

RISH CT TW - 3



Primary Current	RISH CT TW - 3			
	Accuracy			
	0.2	0.5S	0.5	1.0
50A	-	-	-	-
60A	-	-	-	-
75A	-	-	-	1VA
80A	-	-	-	1.5VA
100A	-	-	1VA	2.5VA
120A	-	-	1VA	2.5VA
125A	-	-	1VA	2.5VA
150A	-	-	1.5VA	3.75VA
200A	1.5VA	5VA	5VA	10VA
250A	2.5VA	7.5VA	7.5VA	15VA
300A	3.75VA	10VA	10VA	20VA

All dimensions are in mm



Measure



Control



Record

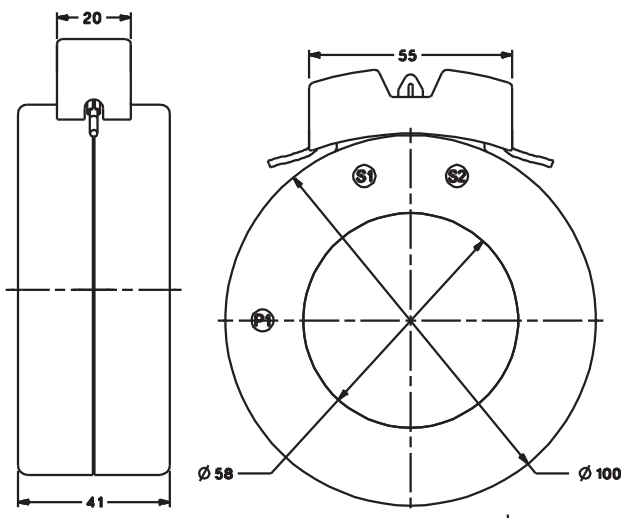


Analyze



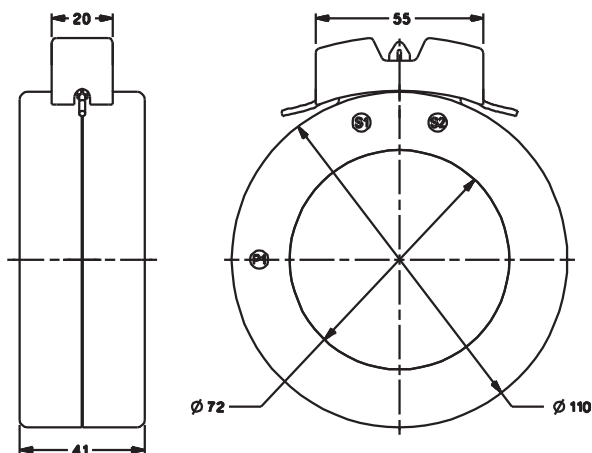
Optimize

RISH CT TW - 4



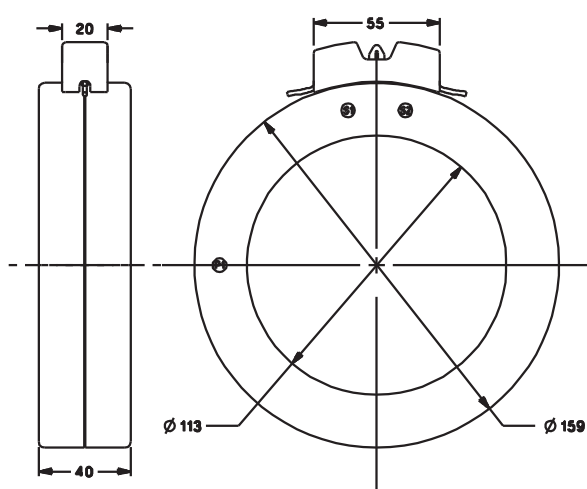
Primary Current	RISH CT TW - 4			
	Accuracy			
	0.2	0.5S	0.5	1.0
120A	-	-	-	1VA
125A	-	-	-	1.5VA
150A	-	-	1VA	2.5VA
200A	-	1.5VA	2.5VA	5VA
250A	-	2.5VA	3.75VA	7.5VA
300A	-	3.75VA	5VA	10VA
400A	5VA	7.5VA	10VA	20VA
500A	7.5VA	10VA	15VA	25VA
600A	10VA	15VA	15VA	25VA

RISH CT TW - 5



Primary Current	RISH CT TW - 5			
	Accuracy			
	0.2	0.5S	0.5	1.0
200A	-	-	-	1.5VA
250A	-	-	1.5VA	2.5VA
300A	-	-	2.5VA	5VA
400A	2.5VA	5VA	7.5VA	12.5VA
500A	3.75VA	7.5VA	10VA	15VA
600A	5VA	7.5VA	10VA	15VA
800A	10VA	15VA	15VA	30VA
1000A	10VA	15VA	15VA	30VA

RISH CT TW - 6



Primary Current	RISH CT TW - 6			
	Accuracy			
	0.2	0.5S	0.5	1.0
600A	1.5VA	3.75VA	5VA	10VA
800A	2.5VA	7.5VA	10VA	15VA
1000A	3.75VA	7.5VA	10VA	15VA
1200A	15VA	15VA	20VA	30VA
1250A	15VA	15VA	20VA	30VA
1500A	15VA	15VA	20VA	30VA
1600A	15VA	15VA	20VA	30VA
2000A	15VA	20VA	25VA	45VA
2500A	15VA	20VA	25VA	45VA
3000A	15VA	25VA	30VA	45VA
3200A	15VA	25VA	30VA	45VA

All dimensions are in mm



Measure



Control



Record

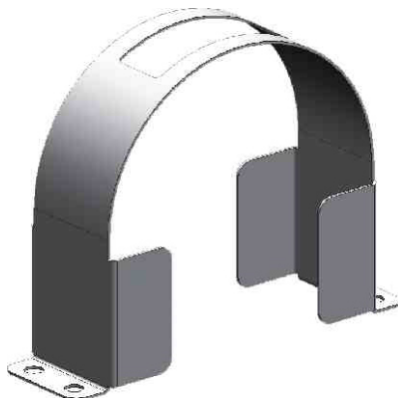


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MOUNTING CLAMP (OPTIONAL)



Mounting Clamp as shown in figure is provided as an optional spare

Ordering Information

Spar Code :	
SPAR-SA00-0116	WALL MOUNTING BRACKET FOR TW-1
SPAR-SA00-0012	WALL MOUNTING BRACKET FOR TW-2
SPAR-SA00-0072	WALL MOUNTING BRACKET FOR TW-3
SPAR-SA00-0011	WALL MOUNTING BRACKET FOR TW-4
SPAR-SA00-0060	WALL MOUNTING BRACKET FOR TW-5
SPAR-SA00-0098	WALL MOUNTING BRACKET FOR TW-6
SPAR-SA00-2307	WALL MOUNTING BRACKET FOR TW-7 & TW-8



Measure



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Specifications may change without prior notice



Measure



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