



Data Sheet

RISH TW-E Series Round CT's

Current Transformer



Measure



Control



Record



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Features

- Wide range of system current ratings.
- 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 Below models available in Tape wound type (without CT case / housing) RISH CT TW-E 80/30(100) RISH CT TW-E 190/150(40) RISH CT TW-E 235/200(35)
Connection	2.5sqmm lug available at secondary side.
Insulation Class	E
Highest voltage for equipment (Um)	0.72 kV
Test Voltage	3kV
Rated frequency (fr)	50/60Hz
Rated primary current (Ipr)	50A to 5000A
Rated secondary current (Isr)	5A(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, 15VA.
Accuracy class	0.5 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 BusBar type CT
Rated dynamic (peak withstand) current (Idyn)	2.5XIth
Instrument security factor (ISF)	5, 10, 15, 20, 30.....(depends on VA Burden)



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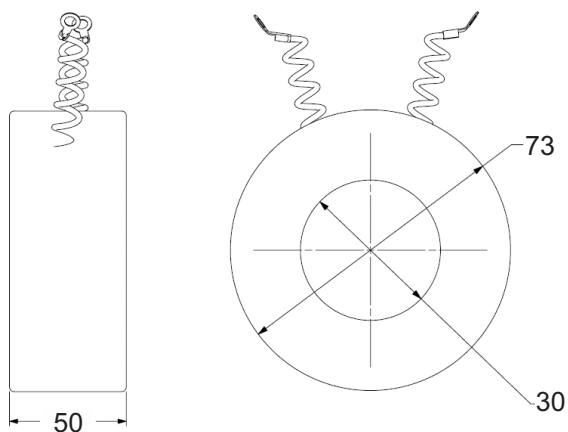


Analyze



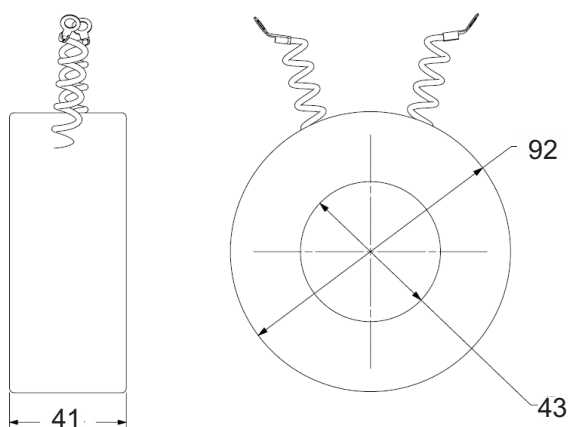
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RISH CT TW-E 73/30(50)



CT Type	RISH CT TW-E 73/30(50)		
Primary Current	Accuracy		
	0.5	1	5
50A	-	-	5VA
60A	-	-	5VA
75A	-	-	5VA
100A	2.5VA	5VA	-
120A	2.5VA	5VA	-
125A	2.5VA	5VA	-
150A	5VA	5VA	-
200A	10VA	15VA	-

RISH CT TW-E 92/43(41)



CT Type	RISH CT TW-E 92/43(41)	
Primary Current	Accuracy	
	0.5	1
200A	5VA	15VA
250A	7.5VA	15VA
300A	10VA	15VA
400A	10VA	15VA



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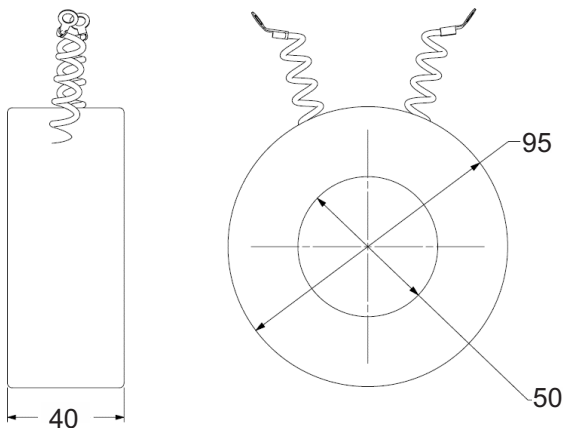


Analyze



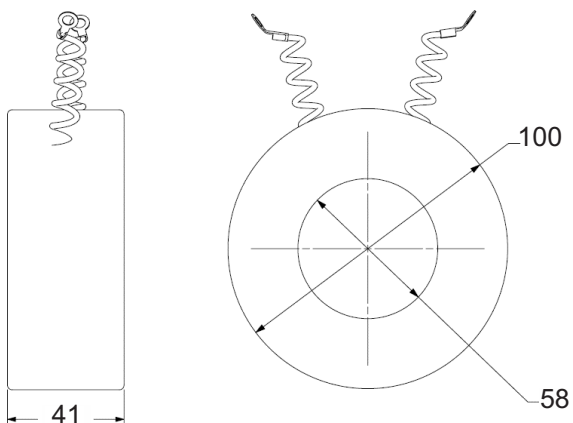
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RISH CT TW-E 95/50(40)



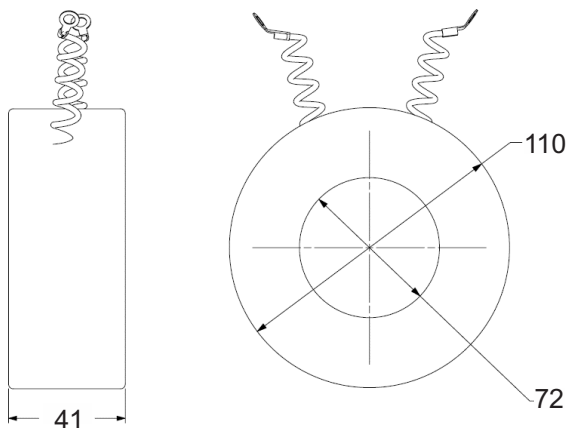
CT Type	RISH CT TW-E 95/50(40)	
Primary Current	Accuracy	
	0.5	1
200A	5VA	15VA
250A	7.5VA	15VA
300A	10VA	15VA

RISH CT TW-E 100/58(41)



CT Type	RISH CT TW-E 100/58(41)	
Primary Current	Accuracy	
	0.5	1
400A	10VA	15VA
500A	15VA	15VA
600A	15VA	15VA

RISH CT TW-E 110/72(41)



CT Type	RISH CT TW-E 110/72(41)	
Primary Current	Accuracy	
	0.5	1
800A	15VA	15VA
1000A	15VA	15VA



Measure



Control



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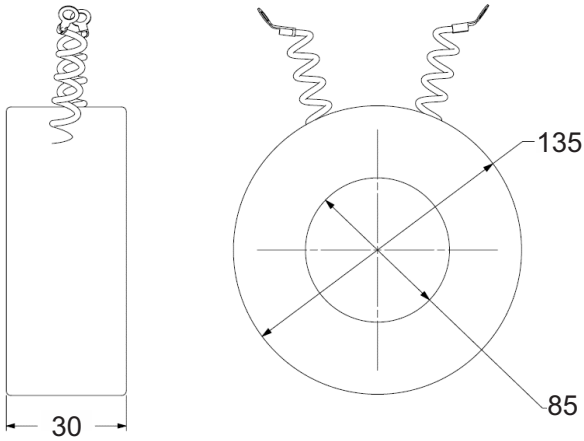


Analyze



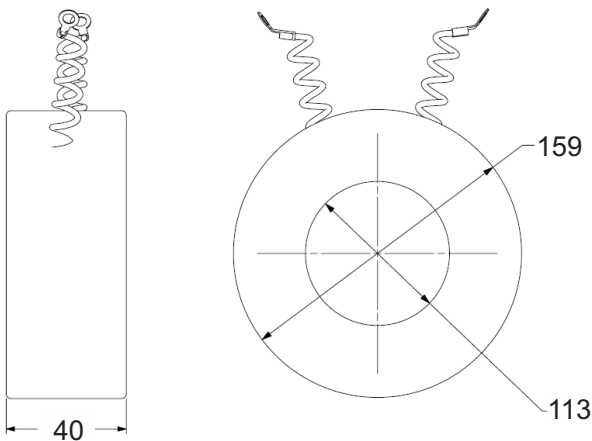
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RISH CT TW-E 135/85(30)



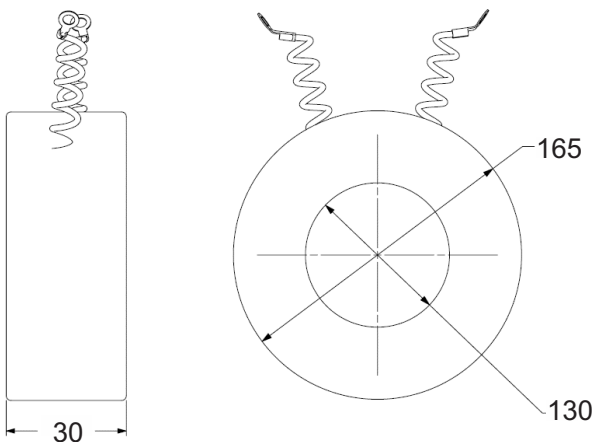
CT Type	RISH CT TW-E 135/85(30)	
Primary Current	Accuracy	
	0.5	1
800A	15VA	15VA
1000A	15VA	15VA
1200A	15VA	15VA

RISH CT TW-E 159/113(40)



CT Type	RISH CT TW-E 159/113(40)	
Primary Current	Accuracy	
	0.5	1
1200A	15VA	15VA
1500A	15VA	15VA
1600A	15VA	15VA
2000A	15VA	15VA

RISH CT TW-E 165/130(30)



CT Type	RISH CT TW-E 165/130(30)	
Primary Current	Accuracy	
	0.5	1
2400A	15VA	15VA
2500A	15VA	15VA
3000A	15VA	15VA



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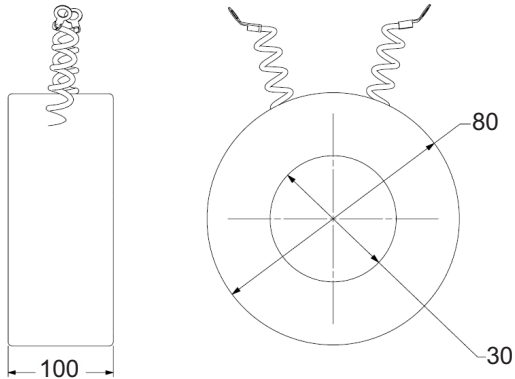
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Tape Wound CT Series

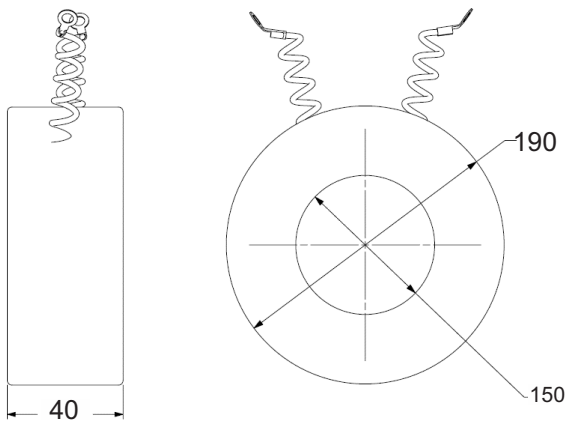
RISH CT TW-E 80/30(100)



CT Type	RISH CT TW-E 80/30(100)	
Primary Current	Accuracy	
	0.5	1
100A	2.5VA	15VA
150A	5VA	15VA

* Tape Wound CT
(Without CT case / housing)

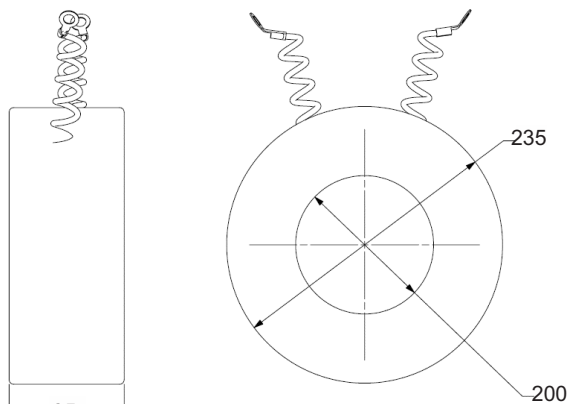
RISH CT TW-E 190/150(40)



CT Type	RISH CT TW-E 190/150(40)	
Primary Current	Accuracy	
	0.5	1
3200A	15VA	15VA

* Tape Wound CT
(Without CT case / housing)

RISH CT TW-E 235/200(35)



CT Type	RISH CT TW-E 235/200(35)	
Primary Current	Accuracy	
	1	
4000A	15VA	
5000A	15VA	

* Tape Wound CT
(Without CT case / housing)



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MOUNTING CLAMP (OPTIONAL)



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



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Specifications may change without prior notice



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