



Data Sheet

RISH χ_{mer} Series Square Type CT's

Current Transformer



E468995



Measure



Control



Record



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Features

- Wide range of system current ratings.
- Hinged terminal cover.
- Various mounting options like DIN rail mounting, Wall mounting, Busbar mounting
- Terminal with self lifting screw with dual connection facility giving access from both sides of transformers.

Specification

Applicable standard	IEC-61869-1&2/IEC-60044-1, BS 3938, IS 16227-1&2.
Case	Unfilled polycarbonate, flame retardant grades classified UL94V-0
Connection	Two connection on each side. M4 screws with self lifting clamp strap assembly for Rish Xmer series and 1 connection on each side M4 screws with self lifting clamp strap for Rish TW CT series.
Terminal Tightening Torque	Model 62W/ 74W (M5 terminal): 1.5 Nm, All other models of Xmer series (M4 terminal): 0.75 Nm.
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 (except for 50/30 CT type and 50/50 CT type where test voltage is 3KV 50 Hz for 1 min) For Wound type CT : 3KV 50 Hz for 1 min
Rated frequency (fr)	50Hz / 60Hz
Rated primary current (Ipr)	1A to 7500A
Rated secondary current (Isr)	5A standard (1A on request)
Rated continuous thermal current (Icth)	120% of Ipr
Rated Burden (VA)	1, 1.25, 1.5, 2.5, 3.75, 5, 7.5, 10, 12.5, 15, 20, 30, 45, 60, 100 VA
Class of Accuracy	0.2, 0.2S 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)	40xI _n for Wound type CT and 60xI _n for Bus Bar type CT
Rated dynamic (peak withstand) current (Idyn)	2.5xI _{th}
Instrument security factor (FS)	5, 10, 15, 20, 30.....(depends on VA Burden)



Measure



Control



Record



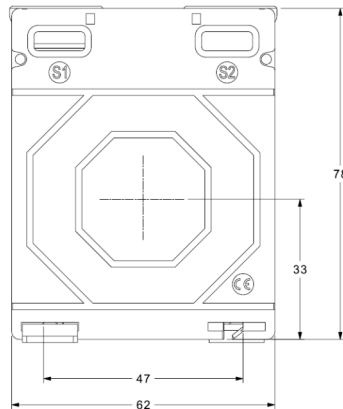
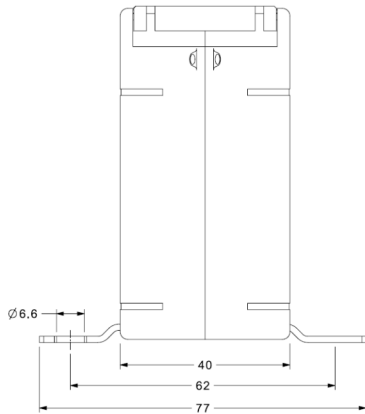
Analyze



Optimize

RISH χ_{mer} WOUND PRIMARY SERIES

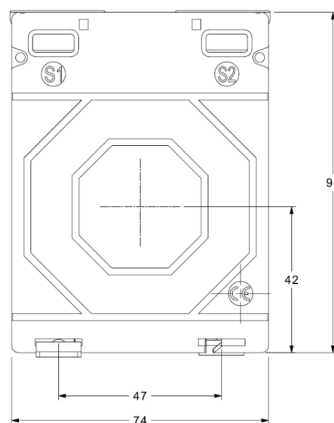
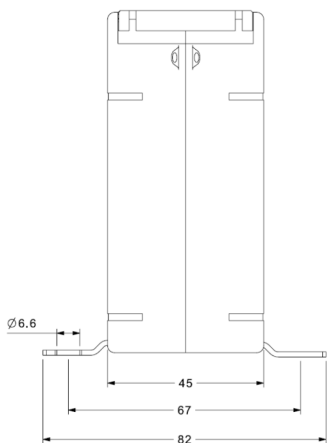
RISH χ_{mer} 62W (40)



Primary Current	RISH χ_{mer} 62W (40)		
	Accuracy		
	0.2	0.5	1.0
1A	1VA	2.5VA	5VA
2.5A	1VA	2.5VA	5VA
5A	1VA	2.5VA	5VA
7.5A	1VA	2.5VA	5VA
10A	1VA	2.5VA	5VA
15A	1VA	2.5VA	5VA
20A	1VA	2.5VA	5VA
25A	1VA	2.5VA	5VA
30A	1VA	2.5VA	5VA

Without Aperture

RISH χ_{mer} 74W (45)



Primary Current	RISH χ_{mer} 74W (45)		
	Accuracy		
	0.2	0.5	1.0
1A	1.5VA	5VA	10VA
2.5A	1.5VA	5VA	10VA
5A	1.5VA	5VA	10VA
7.5A	1.5VA	5VA	10VA
10A	1.5VA	5VA	10VA
15A	1.5VA	5VA	10VA
20A	1.5VA	5VA	10VA
25A	1.5VA	5VA	10VA
30A	1.5VA	5VA	10VA
40A	1.5VA	5VA	10VA
50A	1.5VA	5VA	10VA
60A	1.5VA	5VA	10VA

Without Aperture

All dimensions are in mm



Measure



Control



Record



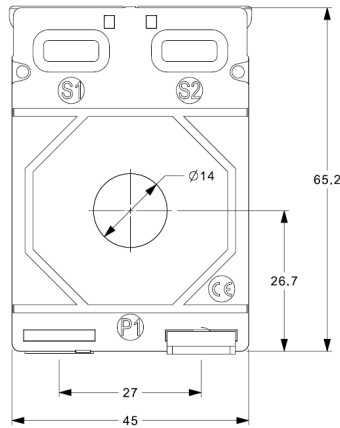
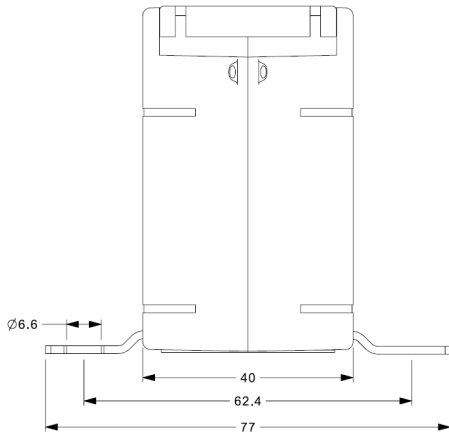
Analyze



Optimize

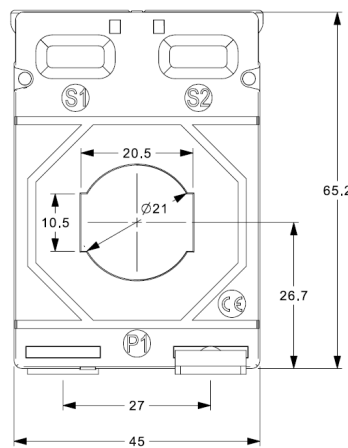
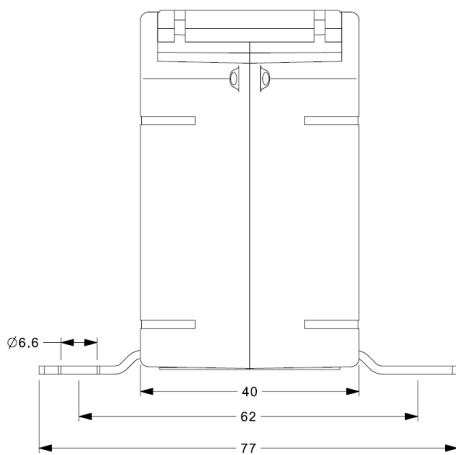
RISH χ_{mer} 45 SERIES

RISH χ_{mer} 45/14 (40)



Primary Current	RISH χ_{mer} 45/14(40)	
	Accuracy	
	0.5	1.0
30A	-	1VA
40A	-	1VA
50A	-	1.5VA
60A	-	1.5VA
75A	1.5VA	2.5VA
80A	1.5VA	2.5VA
100A	1.5VA	3.75VA
120A	2.5VA	3.75VA
125A	2.5VA	3.75VA
150A	2.5VA	5VA
200A	3.75VA	7.5VA
250A	5VA	7.5VA
300A	5VA	10VA

RISH χ_{mer} 45/21 (40)



Primary Current	RISH χ_{mer} 45/21 (40)	
	Accuracy	
	0.5	1.0
50A	-	1.5VA
60A	-	1.5VA
75A	-	2.5VA
80A	1VA	2.5VA
100A	1.5VA	3.75VA
120A	1.5VA	3.75VA
125A	2.5VA	3.75VA
150A	2.5VA	5VA
200A	3.75VA	5VA
250A	5VA	5VA
300A	5VA	5VA
400A	5VA	5VA

All dimensions are in mm



Measure



Control



Record



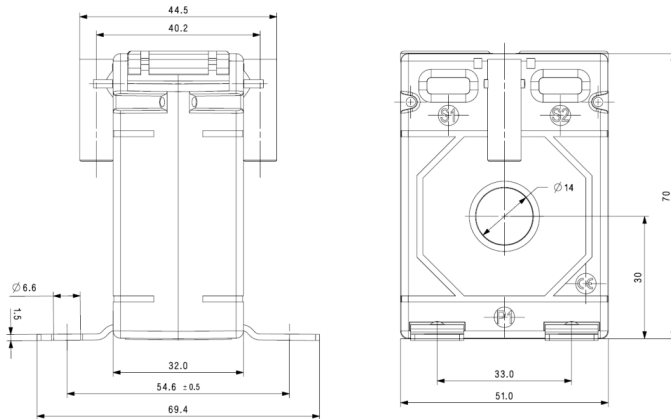
Analyze



Optimize

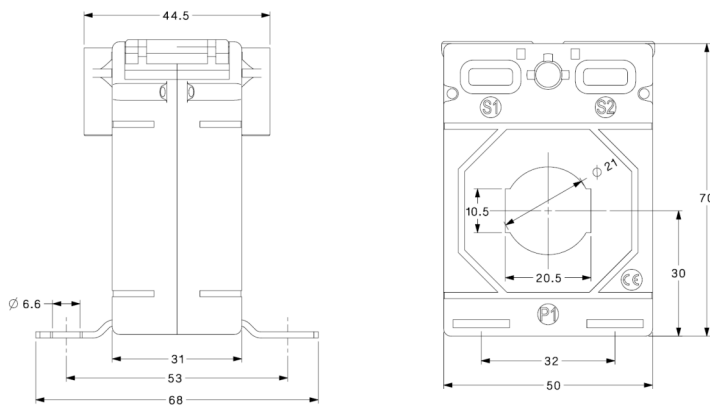
RISH χ_{mer} 50(30) SERIES

RISH χ_{mer} 50/14(30)



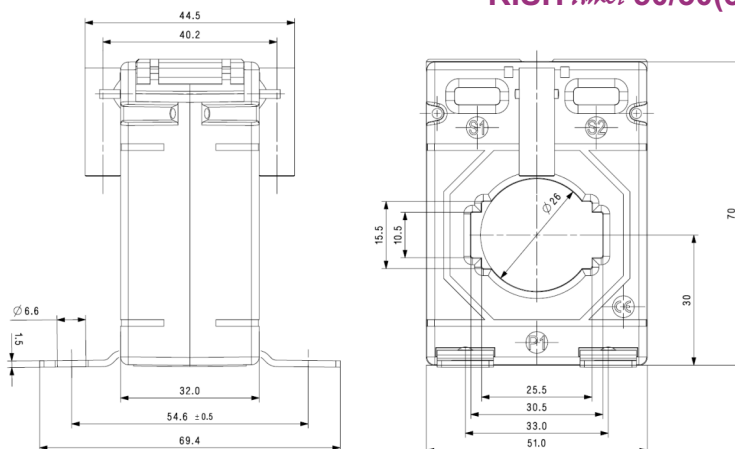
Primary Current	RISH χ_{mer} 50/14 (30)	
	Accuracy	
	0.5	1.0
40A	-	1VA
50A	-	1.5VA
60A	-	1.5VA
75A	-	1.5VA
80A	-	1.5VA
100A	2.5VA	3.75VA
120A	2.5VA	3.75VA
125A	2.5VA	3.75VA
150A	3.75VA	5VA
200A	3.75VA	5VA
250A	5VA	7.5VA
300A	7.5VA	7.5VA

RISH χ_{mer} 50/21(30)



Primary Current	RISH χ_{mer} 50/21 (30)	
	Accuracy	
	0.5	1.0
50A	-	1VA
60A	-	1VA
75A	-	1.5VA
80A	1VA	2.5VA
100A	1.5VA	2.5VA
120A	2.5VA	2.5VA
125A	2.5VA	3.75VA
150A	2.5VA	5VA
200A	3.75VA	5VA
250A	5VA	5VA
300A	5VA	7.5VA
400A	5VA	7.5VA

RISH χ_{mer} 50/30(30)



Primary Current	RISH χ_{mer} 50/30 (30)	
	Accuracy	
	0.5	1.0
75A	-	1VA
80A	-	1.5VA
100A	1VA	2.5VA
120A	1VA	2.5VA
125A	1VA	2.5VA
150A	2.5VA	3.75VA
200A	2.5VA	5VA
250A	5VA	5VA
300A	5VA	5VA
400A	5VA	6.25VA
500A	5VA	6.25VA
600A	5VA	7.5VA

All dimensions are in mm



Measure



Control



Record



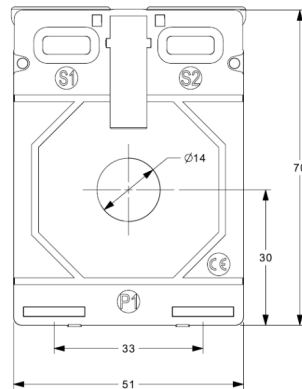
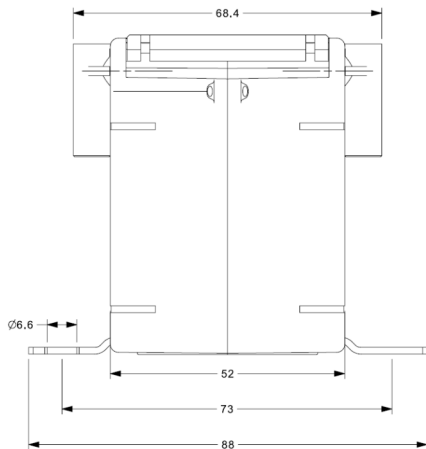
Analyze



Optimize

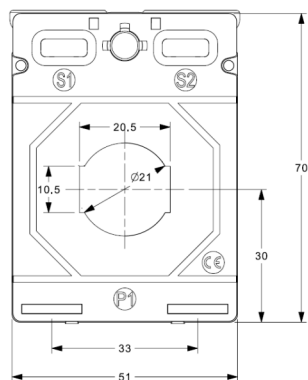
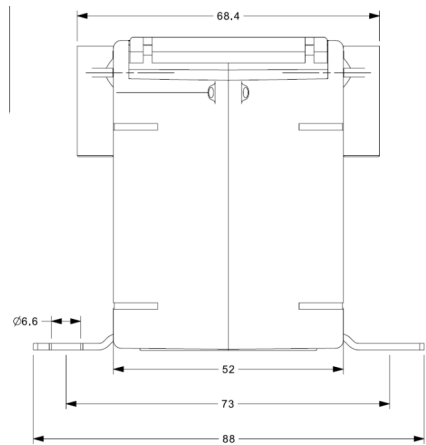
RISH χ_{mer} 50(50) SERIES

RISH χ_{mer} 50/14(50)



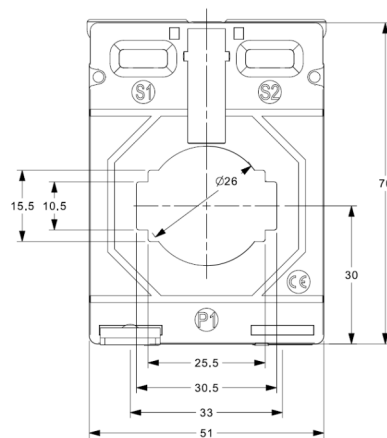
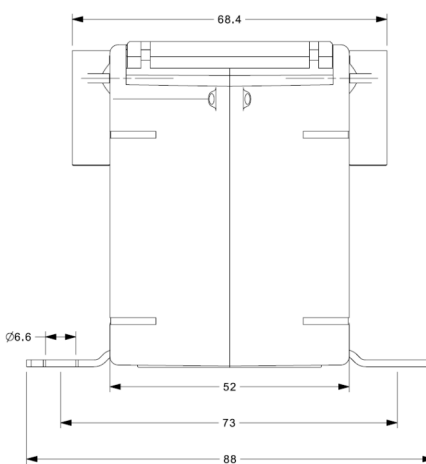
Primary Current	RISH χ_{mer} 50/14 (50) Accuracy	
	0.5	1.0
30A	-	1VA
40A	-	1VA
50A	1.5VA	1.5VA
60A	1.5VA	1.5VA
75A	2.5VA	5VA
80A	2.5VA	5VA
100A	3.75VA	5VA
120A	3.75VA	5VA
125A	3.75VA	5VA
150A	5VA	7.5VA
200A	7.5VA	10VA
250A	10VA	12.5VA
300A	10VA	12.5VA

RISH χ_{mer} 50/21(50)



Primary Current	RISH χ_{mer} 50/21 (50) Accuracy	
	0.5	1.0
50A	1VA	2.5VA
60A	1.5VA	3.75VA
75A	1.5VA	3.75VA
80A	2.5VA	5VA
100A	2.5VA	5VA
120A	3.75VA	5VA
125A	5VA	5VA
150A	5VA	10VA
200A	10VA	12.5VA
250A	10VA	15VA
300A	7.5VA	12.5VA
400A	10VA	15VA

RISH χ_{mer} 50/30 (50)



Primary Current	RISH χ_{mer} 50/30 (50) Accuracy	
	0.5	1.0
50A	-	1.5VA
60A	-	1.5VA
75A	-	2.5VA
80A	-	2.5VA
100A	1VA	3.75VA
120A	2.5VA	5VA
125A	2.5VA	5VA
150A	5VA	5VA
200A	5VA	7.5VA
250A	5VA	10VA
300A	5VA	10VA
400A	10VA	12.5VA
500A	10VA	12.5VA
600A	10VA	15VA

All dimensions are in mm



Measure



Control



Record



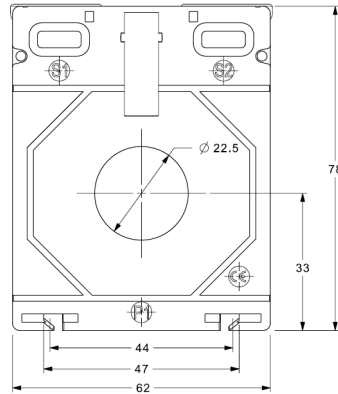
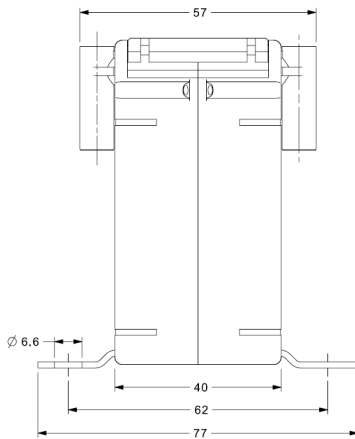
Analyze



Optimize

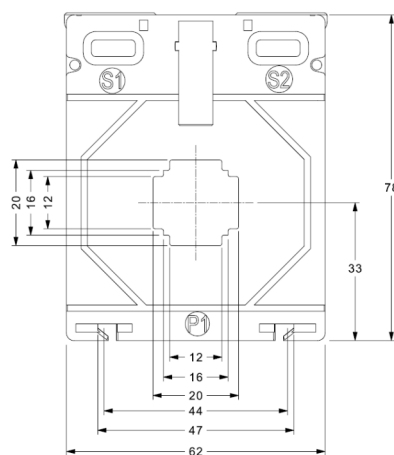
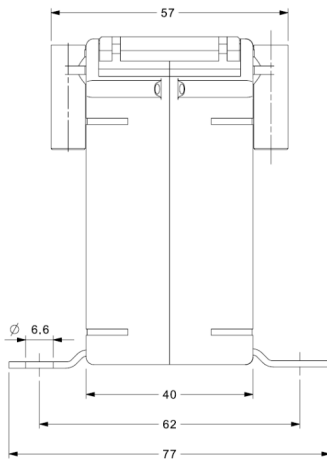
RISH χ_{mer} 62 SERIES

RISH χ_{mer} 62/R(40)



Primary Current	RISH χ_{mer} 62/R(40)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
50A	-	-	-	1.5VA
60A	-	-	-	2.5VA
75A	-	-	1.5VA	2.5VA
80A	-	-	2.5VA	2.5VA
100A	-	1.5VA	2.5VA	5VA
120A	-	1.5VA	3.75VA	5VA
125A	-	1.5VA	3.75VA	5VA
150A	2.5VA	2.5VA	5VA	7.5VA
200A	5VA	5VA	7.5VA	10VA
250A	5VA	5VA	10VA	15VA
300A	5VA	5VA	10VA	15VA
400A	5VA	10VA	15VA	15VA
500A	10VA	10VA	15VA	15VA
600A	10VA	10VA	15VA	15VA

RISH χ_{mer} 62/20(40)



Primary Current	RISH χ_{mer} 62/20(40)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
50A	-	-	-	1.5VA
60A	-	-	-	2.5VA
75A	-	-	1.5VA	3.75VA
80A	-	-	2.5VA	3.75VA
100A	1.5VA	1.5VA	2.5VA	5VA
120A	1.5VA	1.5VA	3.75VA	5VA
125A	1.5VA	1.5VA	3.75VA	5VA
150A	2.5VA	2.5VA	5VA	7.5VA
200A	3.75VA	5VA	7.5VA	10VA
250A	3.75VA	5VA	10VA	15VA
300A	5VA	5VA	10VA	15VA
400A	5VA	10VA	15VA	15VA
500A	5VA	10VA	15VA	15VA

All dimensions are in mm



Measure



Control



Record



Analyze

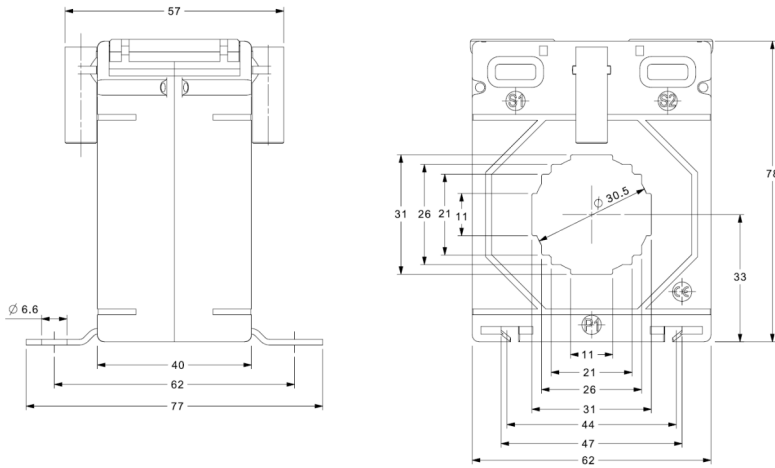


Optimize

Data Sheet

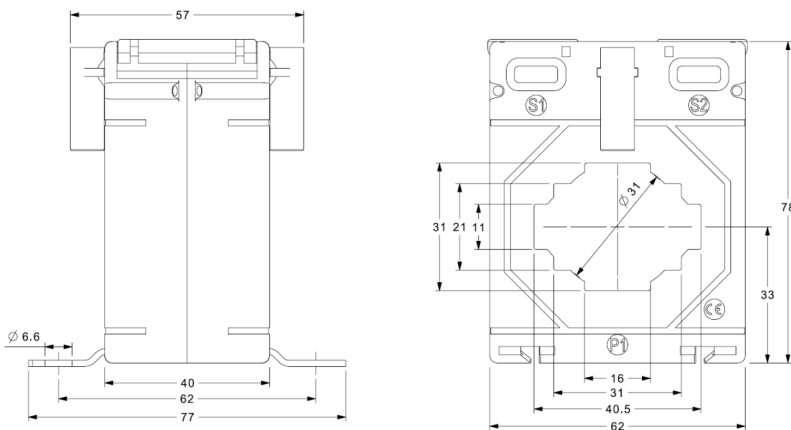
RISH χ_{mer} Series Square Type CT's

RISH χ_{mer} 62/30(40)



Primary Current	RISH χ_{mer} 62/30(40)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
50A	-	-	-	1.25VA
60A	-	-	-	1.5VA
75A	-	-	-	2.5VA
80A	-	-	-	2VA
100A	1VA	1VA	1.5VA	3.75VA
120A	1VA	1VA	2.5VA	3.75VA
125A	1VA	1VA	2.5VA	3.75VA
150A	2.5VA	1.5VA	3.75VA	7.5VA
200A	5VA	3.75VA	5VA	10VA
250A	5VA	5VA	5VA	10VA
300A	5VA	3.75VA	10VA	15VA
400A	5VA	10VA	12.5VA	15VA
500A	5VA	10VA	12.5VA	15VA
600A	7.5VA	10VA	15VA	20VA
750A	10VA	10VA	15VA	15VA
800A	10VA	10VA	15VA	15VA

RISH χ_{mer} 62/40(40)



Primary Current	RISH χ_{mer} 62/40(40)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
100A	-	-	-	1.5VA
120A	-	-	-	1.5VA
125A	-	-	-	1.5VA
150A	-	-	-	2.5VA
200A	1VA	1VA	1.5VA	3.75VA
250A	1.5VA	1.5VA	2.5VA	5VA
300A	1.5VA	1.5VA	5VA	5VA
400A	2.5VA	2.5VA	5VA	5VA
500A	2.5VA	5VA	5VA	7.5VA
600A	2.5VA	7.5VA	7.5VA	10VA
750A	5VA	10VA	10VA	10VA
800A	5VA	10VA	10VA	10VA

All dimensions are in mm



Measure



Control



Record

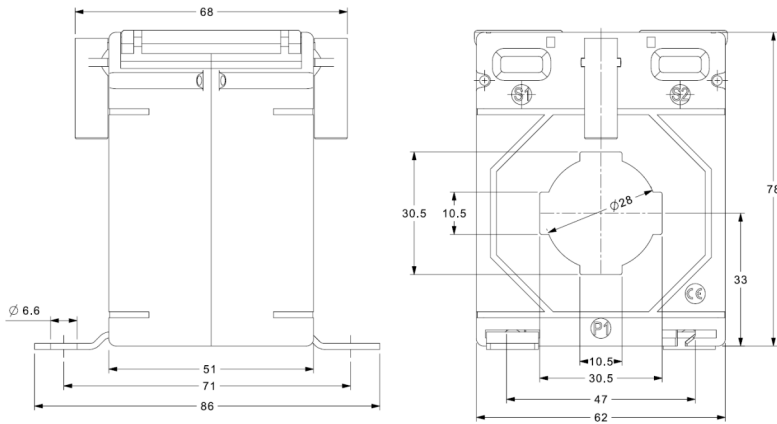


Analyze



Optimize

RISH χ_{mer} 62/30(50)



Primary Current	RISH χ_{mer} 62/30(50)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
50A	-	-	-	1.5VA
60A	-	-	-	2.5VA
75A	-	-	2.5VA	2.5VA
80A	-	-	2.5VA	3.75VA
100A	1.25VA	1.25VA	2.5VA	5VA
120A	1.25VA	1.25VA	5VA	5VA
125A	1.25VA	1.25VA	5VA	5VA
150A	2VA	2VA	5VA	7.5VA
200A	5VA	3.75VA	10VA	15VA
250A	5VA	5VA	15VA	15VA
300A	5VA	5VA	15VA	15VA
400A	10VA	6.25VA	15VA	30VA
500A	5VA	7.5VA	15VA	30VA
600A	6.25VA	10VA	20VA	30VA
750A	6.25VA	10VA	20VA	30VA
800A	6.25VA	10VA	20VA	30VA

All dimensions are in mm



Measure



Control



Record



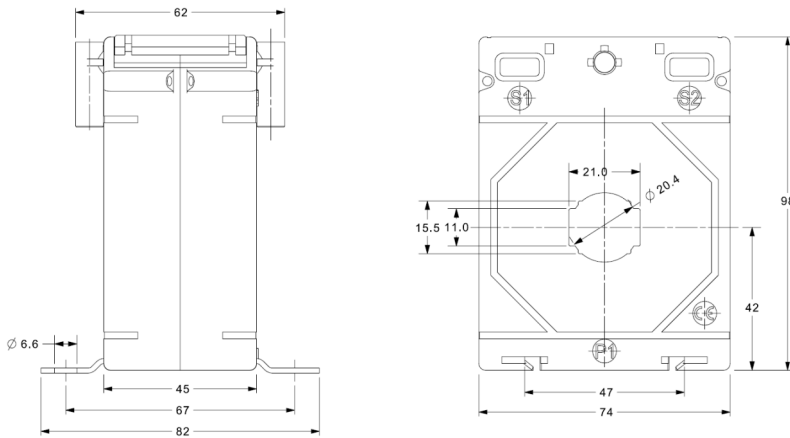
Analyze



Optimize

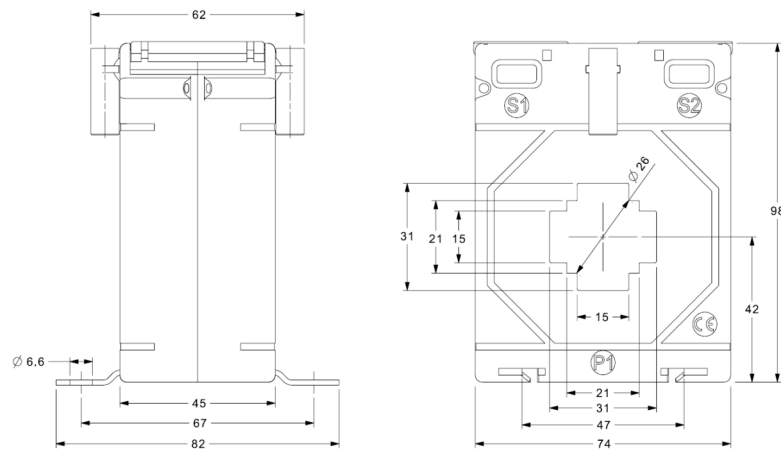
RISH χ mer 74 SERIES

RISH χ mer 74/20(45)



Primary Current	RISH χ mer 74/20(45)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
40A	-	-	-	1.5VA
50A	-	-	1VA	2.5VA
60A	-	-	1VA	3.75VA
75A	-	-	1.5VA	5VA
80A	-	-	2.5VA	5VA
100A	1.5VA	1.5VA	5VA	7.5VA
120A	1.5VA	1.5VA	5VA	10VA
125A	1.5VA	1.5VA	5VA	10VA
150A	2.5VA	2.5VA	7.5VA	12.5VA
200A	5VA	5VA	10VA	15VA
250A	5VA	5VA	10VA	15VA
300A	5VA	7.5VA	15VA	15VA
400A	5VA	10VA	15VA	20VA
500A	5VA	10VA	15VA	15VA

RISH χ mer 74/30(45)



Primary Current	RISH χ mer 74/30(45)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
40A	-	-	-	1.5VA
50A	-	-	-	1.5VA
60A	-	-	-	2.5VA
75A	-	-	1.5VA	2.5VA
80A	-	-	1.5VA	3.75VA
100A	1.5VA	1.5VA	2.5VA	5VA
120A	1.5VA	1.5VA	2.5VA	5VA
125A	1.5VA	1.5VA	2.5VA	5VA
150A	1.5VA	1.5VA	5VA	7.5VA
200A	2.5VA	2.5VA	10VA	15VA
250A	2.5VA	2.5VA	10VA	15VA
300A	2.5VA	5VA	10VA	15VA
400A	5VA	7.5VA	15VA	20VA
500A	5VA	10VA	15VA	20VA
600A	5VA	15VA	15VA	20VA
750A	7.5VA	20VA	20VA	30VA
800A	10VA	30VA	30VA	30VA

All dimensions are in mm



Measure



Control



Record



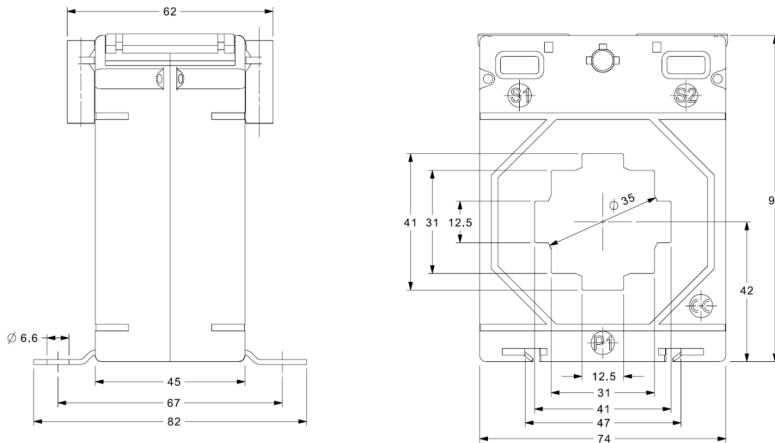
Analyze



Optimize

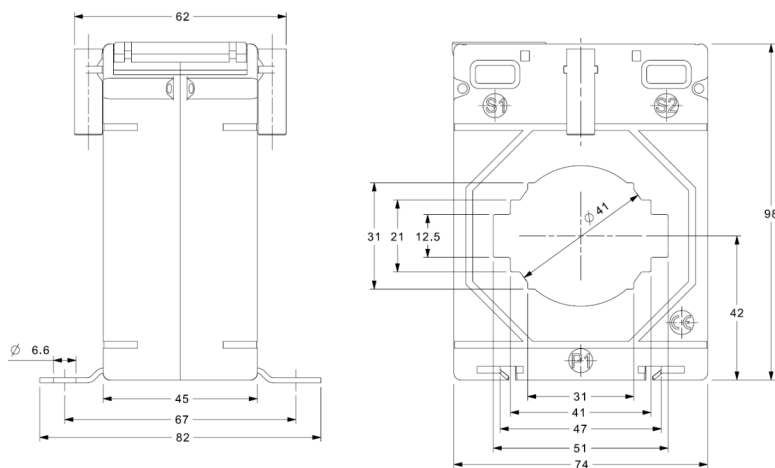
RISH χ_{mer} 74 SERIES

RISH χ_{mer} 74/40(45)



Primary Current	RISH χ_{mer} 74/40(45)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
40A	-	-	-	1VA
50A	-	-	-	1.5VA
60A	-	-	-	1.5VA
75A	-	-	-	2.5VA
80A	-	-	-	2.5VA
100A	1VA	-	1.5VA	3.75VA
120A	1VA	-	1.5VA	2.5VA
125A	1VA	-	1.5VA	2.5VA
150A	1.5VA	1VA	3.75VA	5VA
200A	2.5VA	2.5VA	5VA	10VA
250A	5VA	3.75VA	5VA	10VA
300A	5VA	5VA	10VA	15VA
400A	5VA	10VA	10VA	15VA
500A	5VA	10VA	15VA	20VA
600A	5VA	15VA	15VA	20VA
750A	5VA	15VA	15VA	20VA
800A	7.5VA	15VA	15VA	20VA
1000A	10VA	15VA	15VA	20VA

RISH χ_{mer} 74/50(45)



Primary Current	RISH χ_{mer} 74/50(45)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
100A	-	-	-	1.5VA
120A	-	-	-	1.5VA
125A	-	-	-	1.5VA
150A	-	-	-	2.5VA
200A	-	-	1.5VA	3.75VA
250A	1.5VA	1.5VA	2.5VA	5VA
300A	1.5VA	1.5VA	5VA	7.5VA
400A	2.5VA	2.5VA	5VA	7.5VA
500A	5VA	5VA	7.5VA	10VA
600A	5VA	7.5VA	10VA	12.5VA
750A	5VA	10VA	12.5VA	15VA
800A	5VA	10VA	12.5VA	15VA
1000A	5VA	10VA	12.5VA	15VA

All dimensions are in mm



Measure



Control



Record



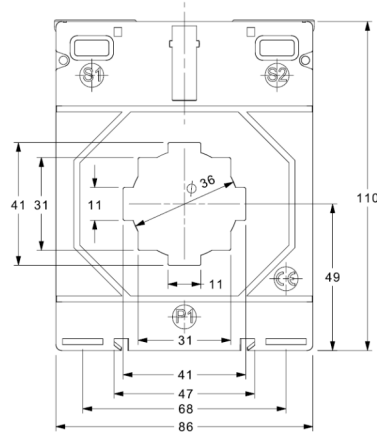
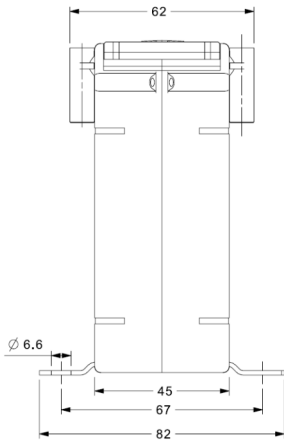
Analyze



Optimize

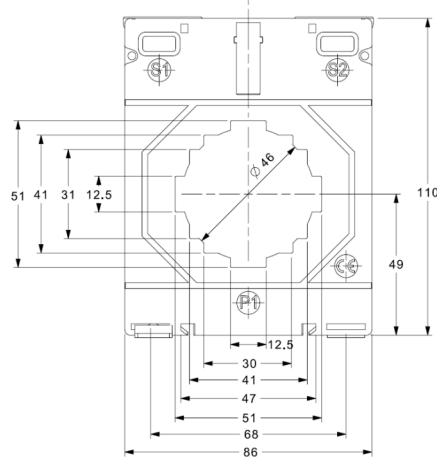
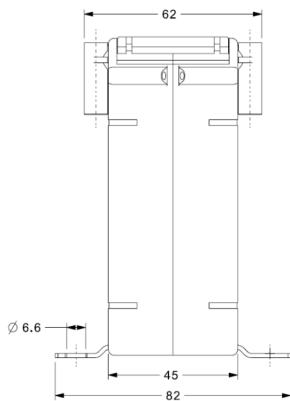
RISH χ_{mer} 86 SERIES

RISH χ_{mer} 86/40(45)



Primary Current	RISH χ_{mer} 86/40(45)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
50A	-	-	-	1.5VA
60A	-	-	-	1.5VA
75A	-	-	-	2.5VA
80A	-	-	-	2.5VA
100A	1.5VA	1.5VA	2.5VA	5VA
120A	1.5VA	1.5VA	2.5VA	5VA
125A	1.5VA	1.5VA	2.5VA	5VA
150A	2.5VA	2.5VA	5VA	10VA
200A	5VA	2.5VA	7.5VA	15VA
250A	10VA	5VA	7.5VA	15VA
300A	10VA	10VA	15VA	15VA
400A	10VA	15VA	15VA	20VA
500A	5VA	15VA	30VA	30VA
600A	7.5VA	15VA	30VA	30VA
750A	7.5VA	15VA	30VA	30VA
800A	10VA	15VA	30VA	30VA
1000A	10VA	15VA	30VA	30VA

RISH χ_{mer} 86/50(45)



Primary Current	RISH χ_{mer} 86/50(45)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
100A	-	-	1VA	1.5VA
120A	-	-	1.5VA	2.5VA
125A	-	-	1.5VA	2.5VA
150A	-	-	2.5VA	5VA
200A	2.5VA	1VA	5VA	7.5VA
250A	2.5VA	1.5VA	7.5VA	10VA
300A	5VA	3.75VA	7.5VA	10VA
400A	7.5VA	5VA	15VA	15VA
500A	7.5VA	10VA	15VA	20VA
600A	10VA	15VA	15VA	20VA
750A	7.5VA	15VA	15VA	20VA
800A	10VA	12.5VA	20VA	30VA
1000A	12.5VA	20VA	30VA	30VA
1200A	12.5VA	20VA	30VA	30VA
1250A	12.5VA	20VA	30VA	30VA

All dimensions are in mm



Measure



Control



Record



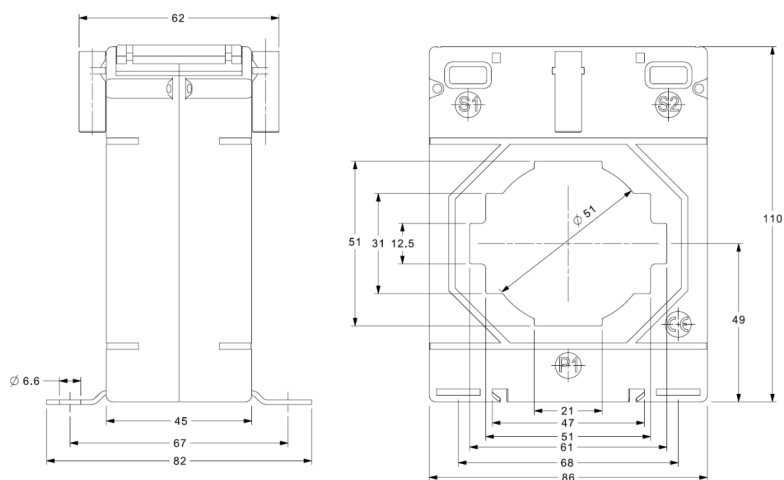
Analyze



Optimize

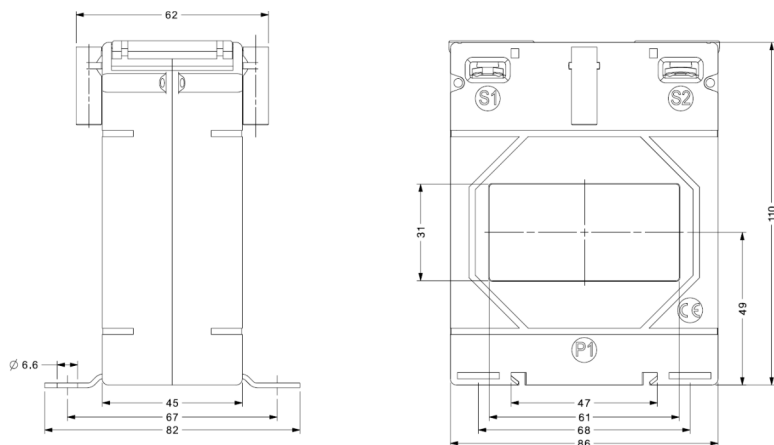
RISH χ_{mer} 86 SERIES

RISH χ_{mer} 86/60(45)



Primary Current	RISH χ_{mer} 86/60(45)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
100A	-	-	-	1VA
120A	-	-	-	1.5VA
125A	-	-	-	2.5VA
150A	-	-	-	2.5VA
200A	-	-	1.5VA	3.75VA
250A	-	-	2.5VA	5VA
300A	1.5VA	1.5VA	5VA	7.5VA
400A	2.5VA	2.5VA	10VA	12.5VA
500A	2.5VA	3.75VA	10VA	15VA
600A	5VA	5VA	15VA	15VA
750A	5VA	10VA	15VA	20VA
800A	7.5VA	12.5VA	20VA	20VA
1000A	10VA	15VA	20VA	30VA
1200A	10VA	15VA	20VA	30VA
1250A	10VA	15VA	20VA	20VA
1500A	10VA	15VA	20VA	20VA
1600A	10VA	15VA	20VA	20VA

RISH χ_{mer} 86/63(45)



Primary Current (A)	RISH χ_{mer} 86/63(45)			
	Accuracy			
	0.5S	0.2	0.5	1.0
400A	1.5VA	-	5VA	10VA
500A	1.5VA	-	6.25VA	10VA
600A	2.5VA	1VA	7.5VA	12.5VA
750A	5VA	3.75VA	10VA	15VA
800A	5VA	3.75VA	10VA	15VA
1000A	7.5VA	5VA	10VA	15VA
1200A	7.5VA	5VA	10VA	15VA
1250A	7.5VA	5VA	10VA	15VA
1500A	10VA	7.5VA	12.5VA	15VA
1600A	10VA	7.5VA	12.5VA	15VA

**UL logo Not Applicable

All dimensions are in mm



Measure



Control



Record



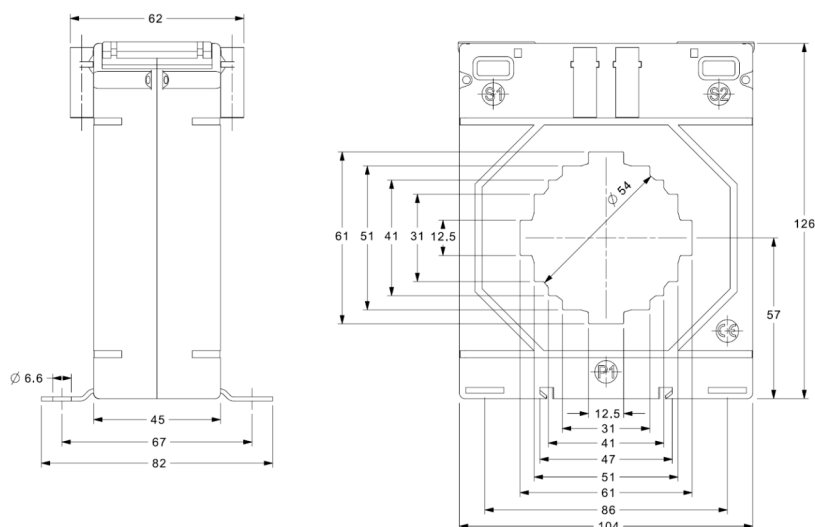
Analyze



Optimize

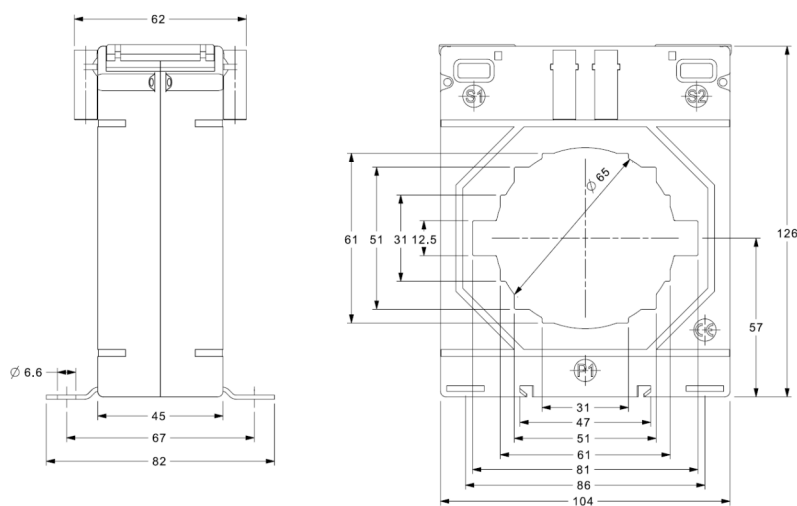
RISH χ_{mer} 104 SERIES

RISH χ_{mer} 104/60(45)



Primary Current	RISH χ_{mer} 104/60(45)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
100A	-	-	-	1.5VA
120A	-	-	-	2.5VA
125A	-	-	-	2.5VA
150A	-	-	2.5VA	5VA
200A	-	1VA	5VA	10VA
250A	-	2.5VA	7.5VA	12.5VA
300A	1.5VA	3.75VA	10VA	15VA
400A	2.5VA	7.5VA	10VA	15VA
500A	7.5VA	10VA	15VA	20VA
600A	15VA	15VA	15VA	30VA
750A	15VA	15VA	20VA	30VA
800A	15VA	15VA	30VA	30VA
1000A	15VA	20VA	30VA	45VA
1200A	15VA	30VA	30VA	45VA
1250A	15VA	30VA	30VA	45VA
1500A	15VA	30VA	30VA	45VA
1600A	15VA	30VA	30VA	45VA

RISH χ_{mer} 104/80(45)



Primary Current	RISH χ_{mer} 104/80(45)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
200A	-	-	-	1.5VA
250A	-	-	1.5VA	2.5VA
300A	-	-	2.5VA	7.5VA
400A	-	1.5VA	7.5VA	10VA
500A	-	5VA	10VA	10VA
600A	3.75VA	5VA	10VA	12.5VA
750A	5VA	5VA	15VA	15VA
800A	5VA	7.5VA	15VA	15VA
1000A	15VA	12.5VA	20VA	30VA
1200A	15VA	15VA	20VA	30VA
1250A	15VA	15VA	20VA	30VA
1500A	15VA	15VA	20VA	30VA
1600A	10VA	15VA	20VA	30VA
2000A	10VA	15VA	20VA	30VA

All dimensions are in mm



Measure



Control



Record



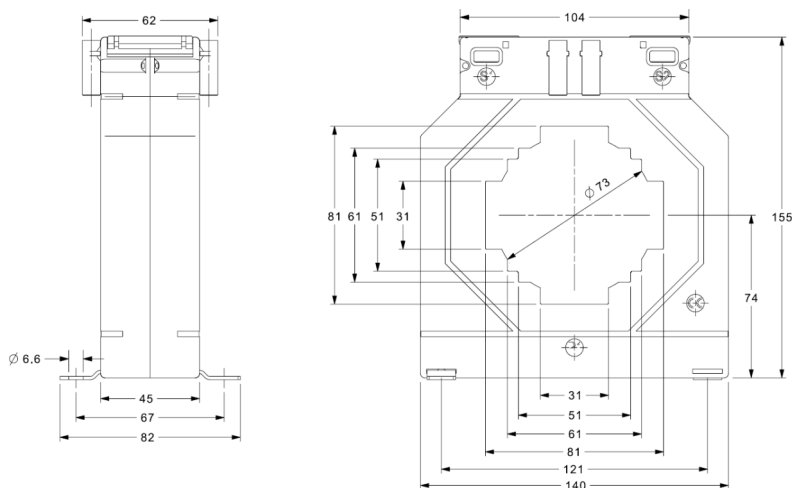
Analyze



Optimize

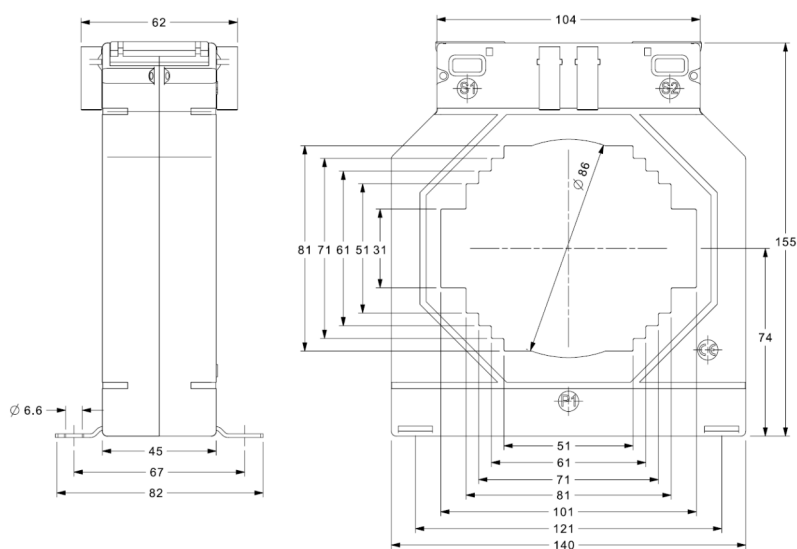
RISH χ_{mer} 140 SERIES

RISH χ_{mer} 140/80(45)



Primary Current	RISH χ_{mer} 140/80(45)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
200A	-	-	2.5VA	5VA
250A	-	-	5VA	10VA
300A	-	1.5VA	7.5VA	15VA
400A	-	2.5VA	10VA	20VA
500A	2.5VA	5VA	15VA	30VA
600A	3.75VA	7.5VA	15VA	30VA
750A	5VA	10VA	15VA	45VA
800A	5VA	10VA	15VA	45VA
1000A	10VA	15VA	30VA	60VA
1200A	12.5VA	15VA	30VA	60VA
1250A	12.5VA	30VA	60VA	60VA
1500A	15VA	30VA	60VA	60VA
1600A	15VA	30VA	60VA	60VA
2000A	15VA	30VA	60VA	60VA

RISH χ_{mer} 140/100H(45)



Primary Current	RISH χ_{mer} 140/100H(45)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
200A	-	-	1.5VA	3.75VA
250A	-	-	2.5VA	5VA
300A	-	-	3.75VA	7.5VA
400A	-	1.5VA	7.5VA	10VA
500A	-	2.5VA	10VA	12.5VA
600A	2.5VA	3.75VA	10VA	15VA
750A	5VA	5VA	15VA	20VA
800A	5VA	5VA	15VA	20VA
1000A	5VA	10VA	15VA	20VA
1200A	10VA	15VA	15VA	30VA
1250A	10VA	15VA	15VA	30VA
1500A	15VA	20VA	20VA	30VA
1600A	15VA	20VA	20VA	45VA
2000A	15VA	30VA	45VA	45VA
2500A	15VA	30VA	45VA	45VA
3000A	15VA	30VA	60VA	60VA
4000A	15VA	30VA	60VA	60VA

All dimensions are in mm



Measure



Control



Record



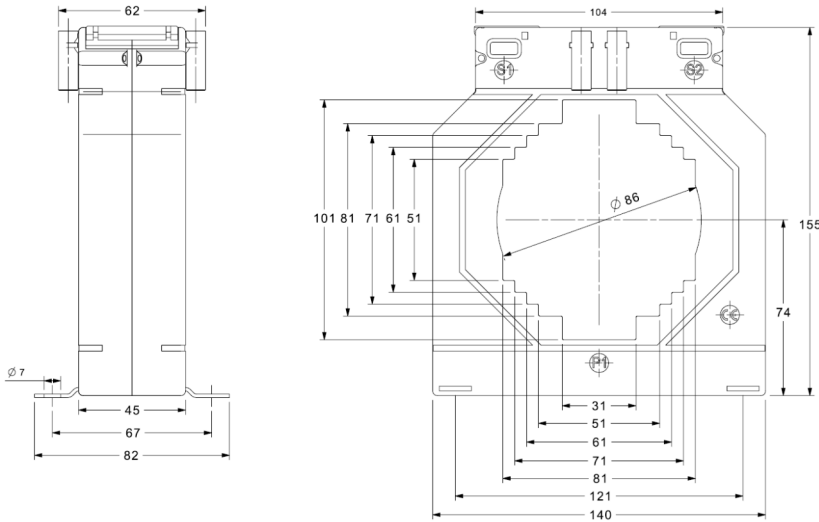
Analyze



Optimize

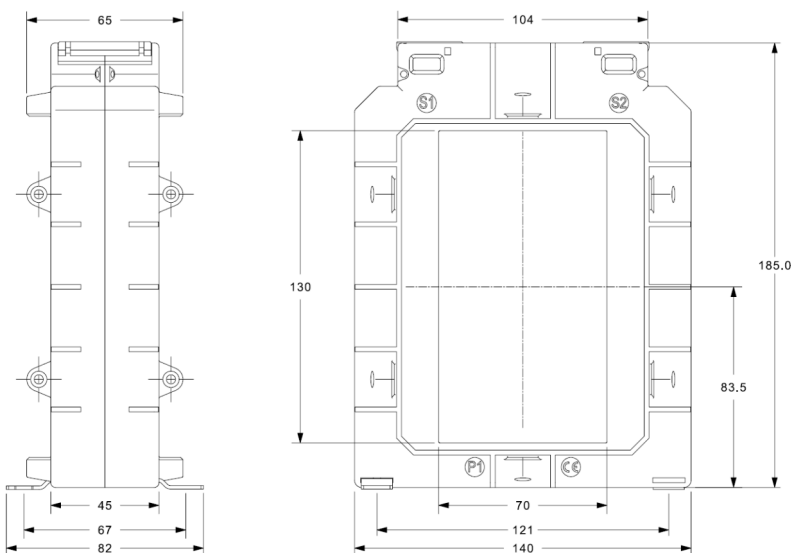
RISH χ_{mer} 140 SERIES

RISH χ_{mer} 140/100V(45)



Primary Current	RISH χ_{mer} 140/100V(45)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
200A	-	-	1.5VA	3.75VA
250A	-	-	2.5VA	5VA
300A	-	-	3.75VA	7.5VA
400A	-	1.5VA	10VA	10VA
500A	-	2.5VA	10VA	12.5VA
600A	2.5VA	3.75VA	12.5VA	15VA
750A	5VA	5VA	15VA	20VA
800A	5VA	5VA	15VA	20VA
1000A	5VA	10VA	15VA	20VA
1200A	10VA	15VA	15VA	30VA
1250A	10VA	15VA	15VA	30VA
1500A	15VA	20VA	30VA	30VA
1600A	15VA	20VA	45VA	45VA
2000A	15VA	30VA	45VA	45VA
2500A	15VA	30VA	45VA	45VA
3000A	15VA	30VA	60VA	60VA

RISH χ_{mer} 140/130V(45)



Primary Current	RISH χ_{mer} 140/130V(45)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
400A	-	-	3.75VA	5VA
500A	-	-	3.75VA	5VA
600A	-	-	3.75VA	5VA
750A	-	-	5VA	7.5VA
800A	-	-	5VA	7.5VA
1000A	5VA	5VA	10VA	10VA
1200A	5VA	7.5VA	10VA	15VA
1250A	5VA	7.5VA	10VA	15VA
1500A	7.5VA	10VA	15VA	15VA
1600A	7.5VA	10VA	15VA	15VA
2000A	10VA	15VA	20VA	20VA
2500A	15VA	15VA	20VA	20VA
3000A	15VA	15VA	20VA	20VA
3200A	15VA	15VA	20VA	20VA
4000A	15VA	15VA	20VA	20VA
5000A	15VA	15VA	20VA	20VA

All dimensions are in mm



Measure



Control



Record



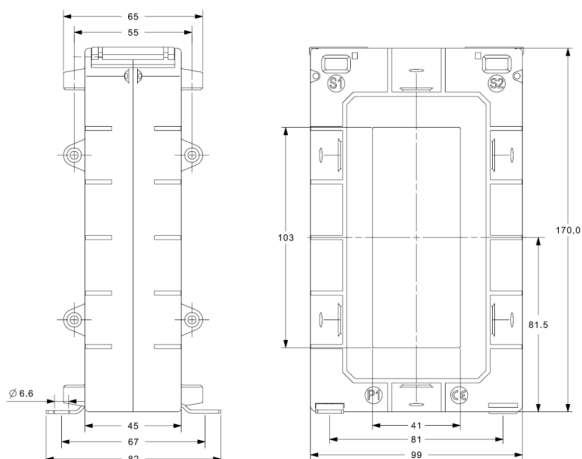
Analyze



Optimize

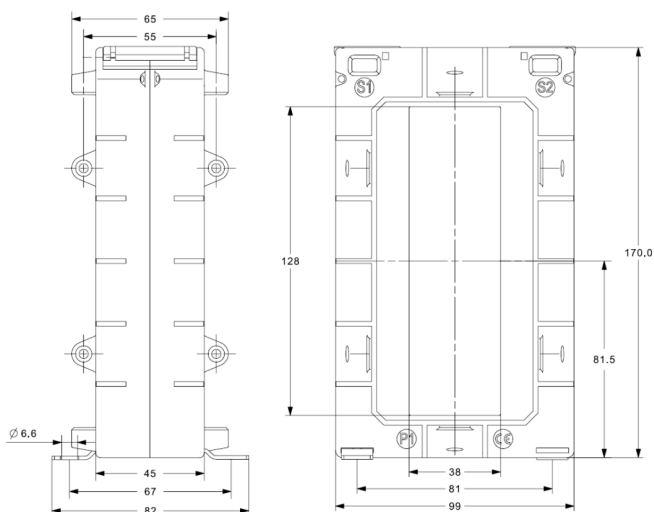
RISH χ_{mer} 100 SERIES

RISH χ_{mer} 100/100V(45)



Primary Current	RISH χ_{mer} 100/100V(45)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
400A	-	-	2.5VA	5VA
500A	-	-	2.5VA	5VA
600A	-	-	2.5VA	5VA
750A	-	-	2.5VA	5VA
800A	-	-	5VA	10VA
1000A	-	5VA	10VA	15VA
1200A	5VA	5VA	10VA	15VA
1250A	5VA	5VA	10VA	15VA
1500A	5VA	5VA	15VA	30VA
1600A	7.5VA	10VA	15VA	30VA
2000A	7.5VA	10VA	15VA	30VA
2500A	10VA	10VA	15VA	20VA

RISH χ_{mer} 100/130V(45)



Primary Current (A)	RISH χ_{mer} 100/130V(45)			
	Accuracy			
	0.2s / 0.5s	0.2	0.5	1.0
400A	-	-	2.5VA	5VA
500A	-	-	2.5VA	5VA
600A	-	-	2.5VA	5VA
750A	-	-	2.5VA	5VA
800A	-	-	5VA	10VA
1000A	-	-	10VA	15VA
1200A	-	-	10VA	15VA
1250A	-	-	10VA	15VA
1500A	-	5VA	15VA	30VA
1600A	-	5VA	15VA	30VA
2000A	5	5VA	15VA	30VA
2500A	5	5VA	15VA	30VA
3200A	5	5VA	10VA	12.5VA



Measure



Control



Record



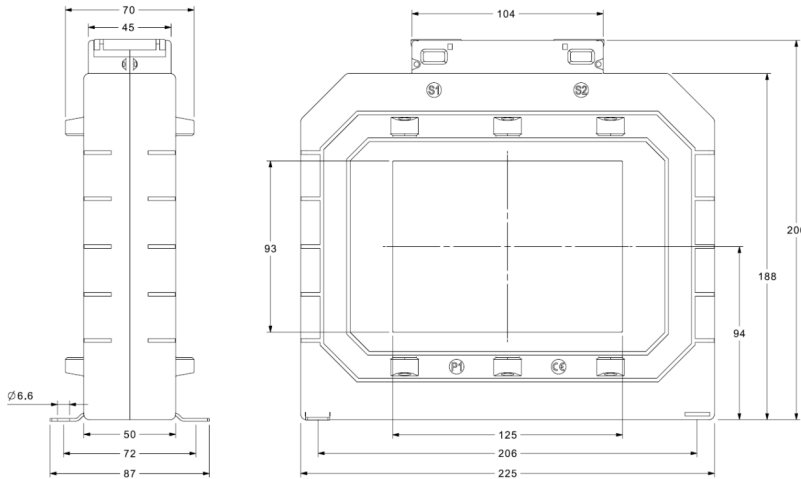
Analyze



Optimize

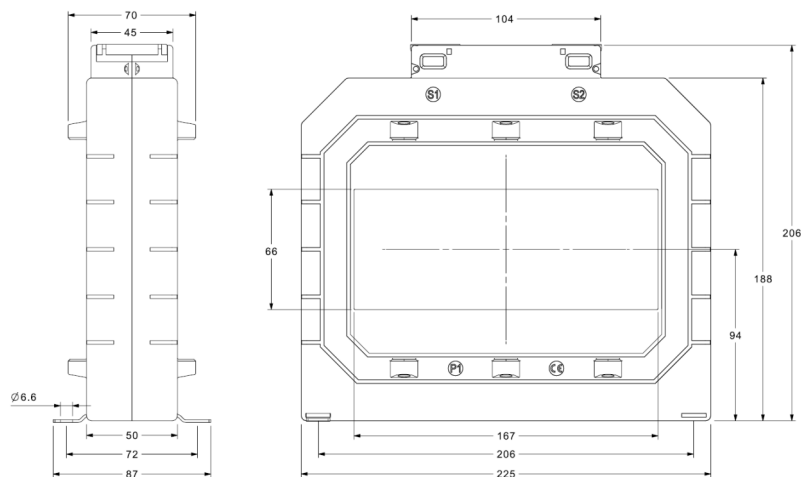
RISH χ_{mer} 225 SERIES

RISH χ_{mer} 225/125(50)



Primary Current	RISH χ_{mer} 225/125(50)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
600A	-	5VA	5VA	10VA
750A	-	5VA	10VA	10VA
800A	-	5VA	10VA	10VA
1000A	5VA	10VA	10VA	15VA
1200A	5VA	10VA	10VA	15VA
1250A	5VA	10VA	10VA	15VA
1500A	7.5VA	10VA	15VA	30VA
1600A	7.5VA	10VA	15VA	30VA
2000A	10VA	10VA	15VA	30VA
2500A	10VA	15VA	30VA	30VA
3000A	10VA	15VA	30VA	60VA
4000A	15VA	30VA	45VA	60VA
5000A	15VA	30VA	100VA	100VA
6000A	15VA	60VA	100VA	100VA

RISH χ_{mer} 225/167(50)



Primary Current	RISH χ_{mer} 225/167(50)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
1000A	-	3.75VA	5VA	10VA
1200A	-	5VA	10VA	15VA
1250A	-	5VA	10VA	15VA
1500A	5VA	10VA	15VA	30VA
1600A	5VA	10VA	15VA	30VA
2000A	7.5VA	10VA	30VA	30VA
2500A	10VA	15VA	30VA	45VA
3000A	10VA	15VA	30VA	45VA
4000A	10VA	15VA	30VA	45VA
5000A	15VA	20VA	30VA	45VA
6000A	15VA	20VA	30VA	45VA
7500A	15VA	20VA	30VA	45VA

All dimensions are in mm



Measure



Control



Record

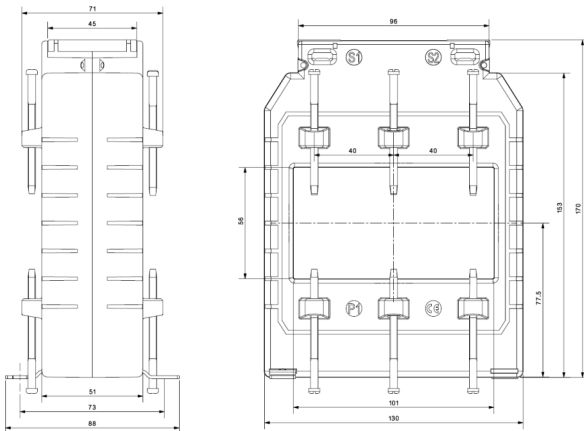


Analyze



Optimize

RISH χ_{mer} 130/100(50)



Primary Current	RISH χ_{mer} 130/100(50)			
	Accuracy			
	0.2S/0.5S	0.2	0.5	1.0
600A	2.5VA	2.5VA	5VA	10VA
750A	3.75VA	5VA	10VA	10VA
800A	5VA	7.5VA	10VA	10VA
1000A	7.5VA	10VA	15VA	15VA
1200A	10VA	10VA	15VA	15VA
1250A	10VA	10VA	15VA	15VA
1500A	10VA	15VA	15VA	15VA
1600A	10VA	15VA	15VA	15VA
2000A	10VA	15VA	15VA	15VA
2500A	10VA	15VA	15VA	15VA
3000A	12.5VA	15VA	15VA	15VA

All dimensions are in mm

Additional Accessories (To be ordered Separately)

SPAR-SA00-0317	DIN RAIL CT SIZE 45 BK
SPAR-SA00-0352	DIN RAIL CT SIZE 50 (FOR AXIAL 30MM) BK
SPAR-SA00-0612	UNI. DIN RAIL CT 3PH,60,62,74,86,104 BK



Measure



Control



Record



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Specifications may change without prior notice



Measure



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