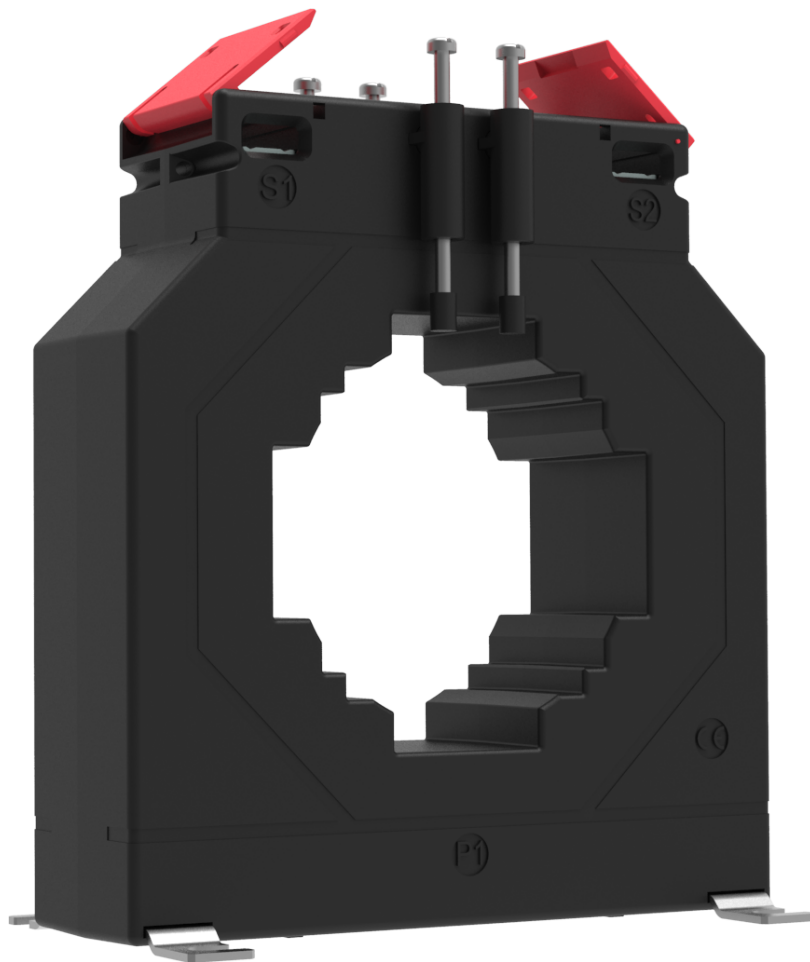




Data Sheet

RISH Protection Class CT's Current Transformers



Measure



Control



Record



Analyze



Optimize

Features

- Wide range of system current Ratings.
- Hinged terminal cover.
- Various mounting options like DIN rail mounting, Wall 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 UL 94V-0
Connection	Two connection on each side. M4 screws with self lifting clamp strap assembly for Rish Xmer 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 (except for 50/30 CT type and 50/50 CT type where test voltage is 3KV 50 Hz for 1 min)
Rated frequency (fr)	50Hz / 60 Hz
Rated primary current (Ipr)	100 A to 6000 A
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 VA
Class of Accuracy	5P & 10P
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
Accuracy Limit Factor (ALF)	5, 10, 20



Measure



Control



Record



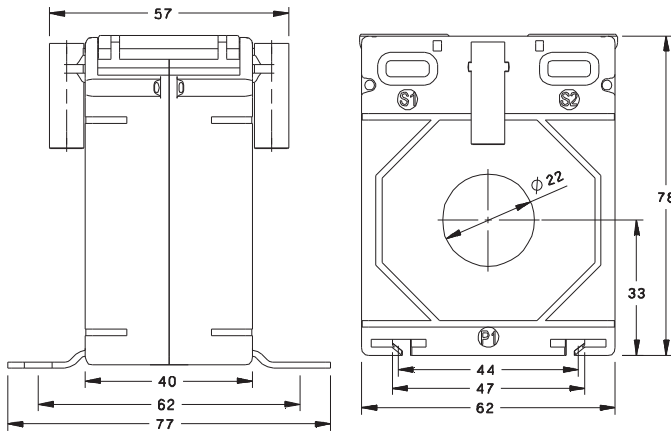
Analyze



Optimize

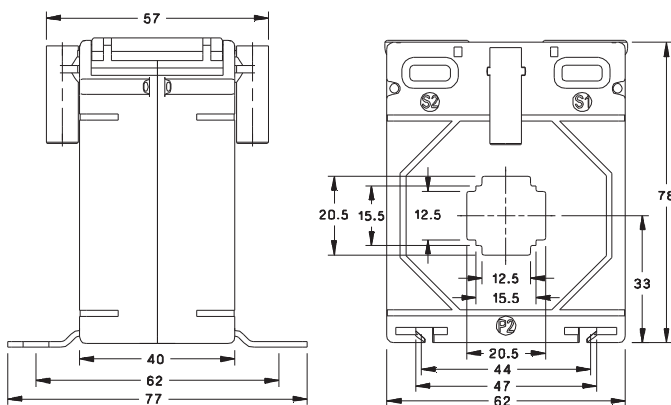
RISH XMER PROTECTION CLASS 62 SERIES

RISH XMER 62/R(40)



Primary Current	RISH XMER 62/R(40)	
	Accuracy	
	5P5	10P5
100A	-	1VA
125A	1VA	1VA
150A	1VA	1VA
200A	1VA	1VA
250A	1VA	1VA
300A	1VA	1.5VA

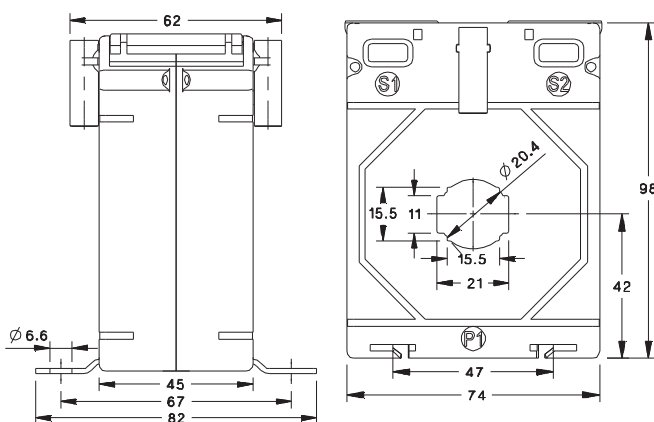
RISH XMER 62/20P(40)



Primary Current	RISH XMER 62/20P(40)	
	Accuracy	
	5P5	10P5
100A	-	1VA
125A	1VA	1VA
150A	1VA	1VA
200A	1VA	1VA

RISH XMER PROTECTION CLASS 74 SERIES

RISH XMER 74/20P(45)



Primary Current	RISH XMER 74/20P(45)	
	Accuracy	
	5P5	10P5
200A	2.5VA	2.5VA
250A	2.5VA	2.5VA
300A	2.5VA	2.5VA
400A	2.5VA	2.5VA

All dimensions are in mm



Measure



Control



Record

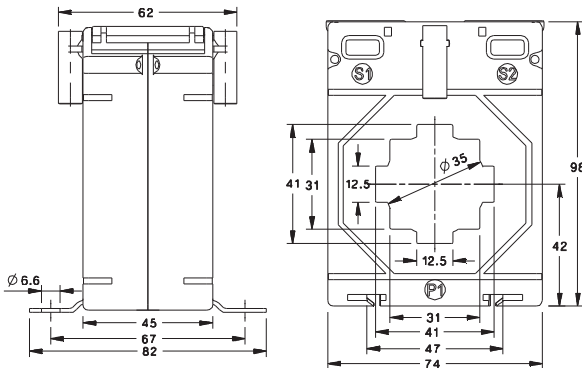


Analyze



Optimize

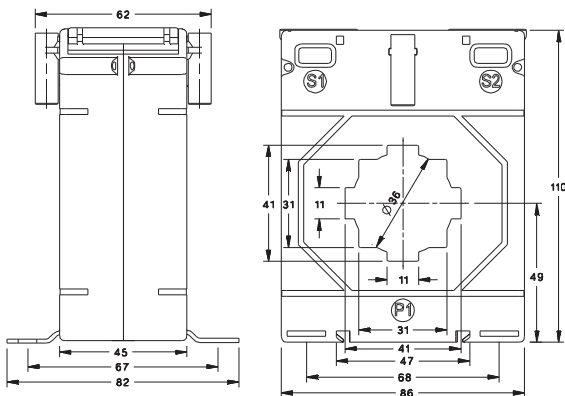
RISH XMER 74/40P(45)



Primary Current	RISH XMER 74/40P(45)	
	Accuracy	
	5P5	10P5
120A	1VA	1VA
125A	1VA	1VA
150A	1VA	1.5VA
200A	1.5VA	1.5VA
250A	1.5VA	1.5VA
300A	1.5VA	1.5VA
400A	1.5VA	1.5VA
500A	1.5VA	1.5VA
600A	1.5VA	1.5VA
750A	1.5VA	2.5VA

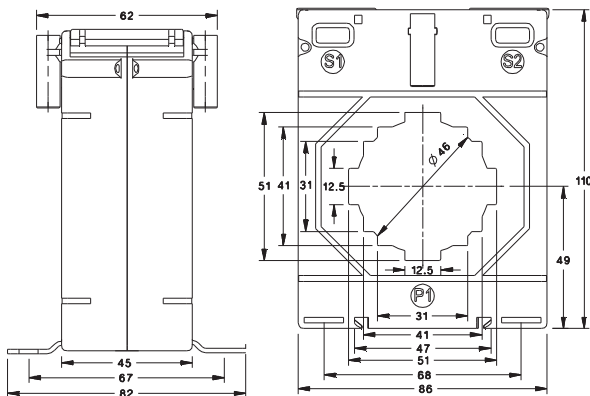
RISH XMER PROTECTION CLASS 86 SERIES

RISH XMER 86/40P(45)



Primary Current	RISH XMER 86/40P(45)			
	Accuracy			
	5P5	10P5	5P10	10P10
100A	1.5VA	1.5VA	-	-
120A	1.5VA	1.5VA	-	-
125A	1.5VA	2.5VA	-	-
150A	2.5VA	2.5VA	-	-
200A	2.5VA	2.5VA	-	-
250A	2.5VA	2.5VA	-	-
300A	3.75VA	3.75VA	1VA	1VA
400A	5VA	5VA	12.5VA	12.5VA
500A	5VA	6.25VA	1.5VA	1.5VA
600A	6.25VA	7.5VA	1.5VA	1.5VA

RISH XMER 86/50P(45)



Primary Current	RISH XMER 86/50P(45)			
	Accuracy			
	5P5	10P5	5P10	10P10
100A	1.5VA	1.5VA	-	-
150A	1.75VA	1.75VA	-	-
200A	2.5VA	2.5VA	-	-
250A	3.75VA	3.75VA	-	-
300A	3.75VA	3.75VA	1VA	1VA
400A	5VA	5VA	1VA	1VA
500A	5VA	5VA	1VA	1VA
600A	5VA	5VA	1VA	1VA
750A	7.5VA	7.5VA	1.5VA	1.5VA
800A	7.5VA	7.5VA	1.5VA	1.5VA

All dimensions are in mm



Measure



Control



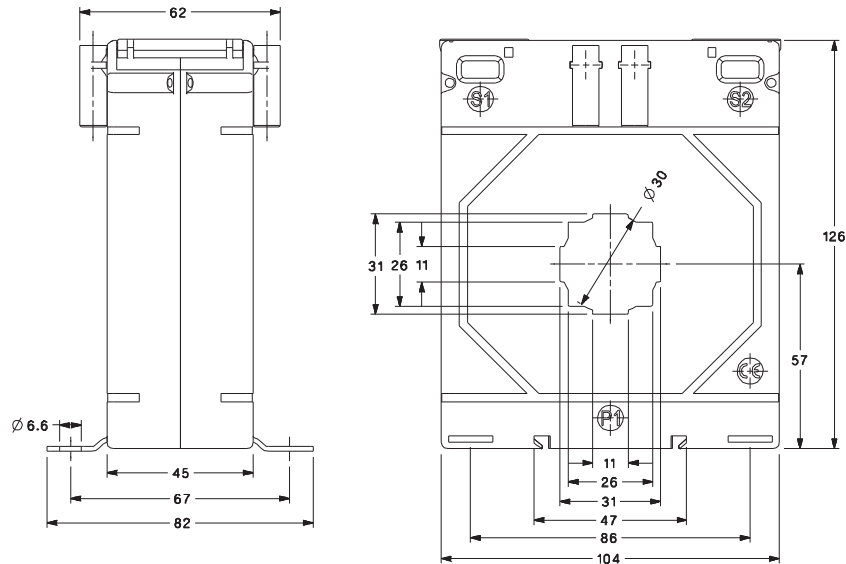
Record



Analyze



Optimize

RISH *XMER* PROTECTION CLASS 104 SERIESRISH *XMER* 104/30P(45)

Primary Current	RISH XMER 104/30P(45)			
	Accuracy			
	5P5	10P5	5P10	10P10
60A	2.5VA	2.5VA	-	1.5VA
75A	2.5VA	2.5VA	-	1.5VA
80A	2.5VA	2.5VA	1.5VA	1.5VA
100A	5VA	5VA	1.5VA	2.5VA
125A	5VA	5VA	1.5VA	2.5VA
150A	7.5VA	7.5VA	2.5VA	2.5VA
200A	10VA	10VA	3.75VA	3.75VA
250A	10VA	10VA	5VA	5VA
300A	10VA	10VA	5VA	5VA
400A	15VA	15VA	5VA	5VA
500A	15VA	15VA	7.5VA	7.5VA
600A	15VA	15VA	7.5VA	10VA

Primary Current	RISH XMER 104/30P(45)	
	5P20	
	Sec. 1A	Sec. 5A
250A	1VA	1VA
300A	1.25VA	1VA
400A	1.75VA	1.25VA
500A	1.75VA	1.25VA
600A	2.5VA	1.75VA



Measure



Control



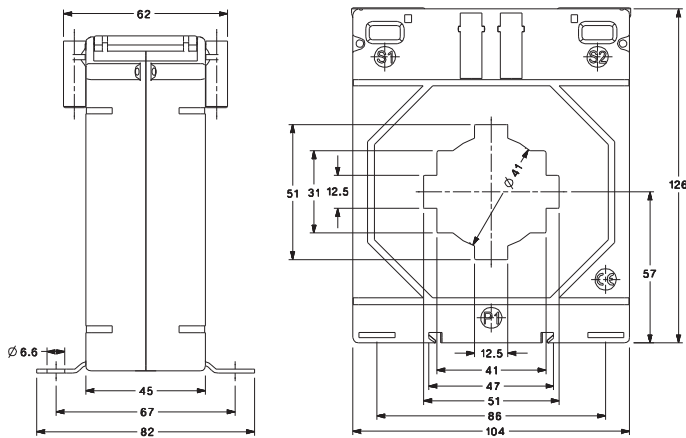
Record



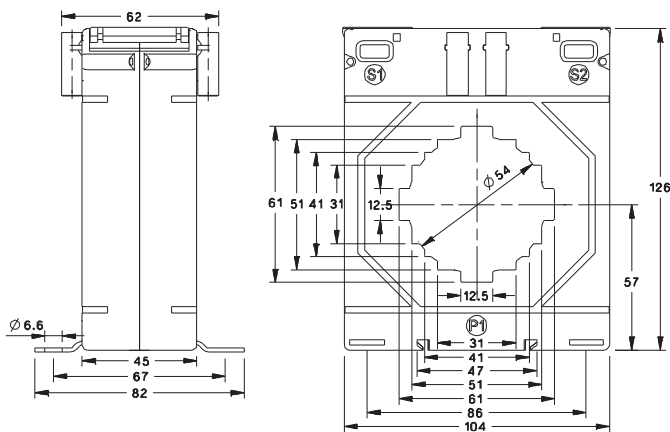
Analyze



Optimize

RISH *XMER* PROTECTION CLASS 104 SERIESRISH *XMER* 104/50P(45)

Primary Current	RISH XMER 104/50P(45)			
	Accuracy			
	5P5	10P5	5P10	10P10
150A	2.5VA	2.5VA	-	-
200A	5VA	5VA	1.5VA	1.5VA
250A	5VA	7.5VA	2.5VA	2.5VA
300A	7.5VA	7.5VA	2.5VA	2.5VA
400A	7.5VA	7.5VA	2.5VA	2.5VA
500A	10VA	10VA	2.5VA	2.5VA
600A	10VA	10VA	2.5VA	2.5VA
750A	10VA	10VA	5VA	5VA
800A	10VA	10VA	5VA	5VA
1000A	10VA	10VA	5VA	5VA

RISH *XMER* 104/60P(45)

Primary Current	RISH XMER 104/60P(45)			
	Accuracy			
	5P5	10P5	5P10	10P10
100A	1.5VA	1.5VA	-	-
150A	2.5VA	2.5VA	1VA	1VA
200A	3.75VA	3.75VA	1VA	1VA
250A	5VA	5VA	1.5VA	1.5VA
300A	5VA	5VA	1.75VA	1.75VA
400A	7.5VA	7.5VA	1.75VA	1.75VA
500A	7.5VA	7.5VA	1.75VA	1.75VA
600A	7.5VA	7.5VA	1.75VA	1.75VA
750A	10VA	10VA	1.75VA	1.75VA
800A	10VA	10VA	1.75VA	1.75VA

All dimensions are in mm



Measure



Control



Record



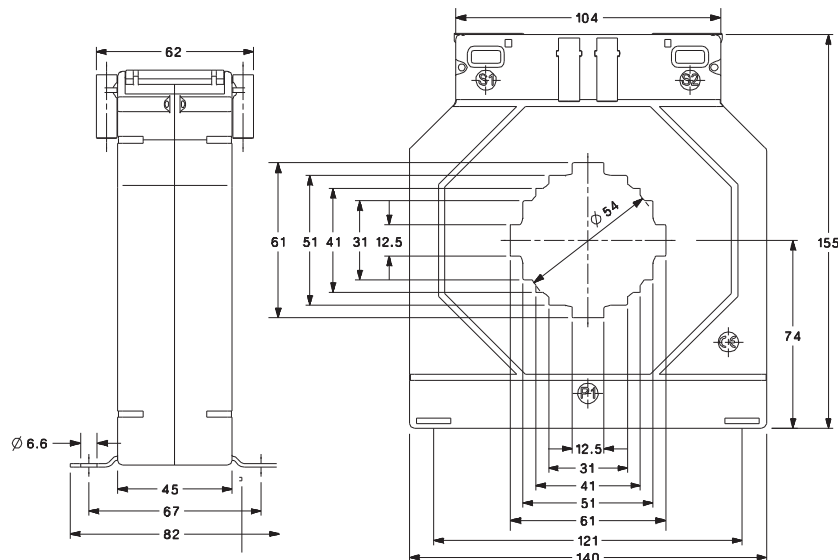
Analyze



Optimize

RISH XMER PROTECTION CLASS 140 SERIES

RISH XMER 140/60P(45)



Primary Current	RISH XMER 140/60P(45)			
	Accuracy			
	5P5	10P5	5P10	10P10
200A	7.5VA	7.5VA	2.5VA	2.5VA
250A	7.5VA	7.5VA	2.5VA	2.5VA
300A	10VA	10VA	3.75VA	3.75VA
400A	10VA	10VA	5VA	5VA
500A	10VA	10VA	5VA	5VA
600A	12.5VA	12.5VA	5VA	5VA
750A	12.5VA	12.5VA	5VA	5VA
800A	12.5VA	12.5VA	5VA	5VA
1000A	12.5VA	12.5VA	7.5VA	7.5VA
1200A	12.5VA	12.5VA	7.5VA	7.5VA
1250A	12.5VA	12.5VA	7.5VA	7.5VA
1500A	15VA	15VA	10VA	10VA
1600A	15VA	15VA	10VA	10VA
2000A	20VA	20VA	12.5VA	12.5VA

Primary Current	RISH XMER 140/60P(45)	
	5P20	
	Sec. 1A	Sec. 5A
250A	1VA	1VA
300A	1.25VA	1.25VA
400A	1.75VA	1.5VA
500A	1.75VA	1.75VA
600A	2.5VA	1.75VA
750A	2.75VA	1.75VA
800A	2.75VA	1.75VA
1000A	1.25VA	-
1200A	1.5VA	-
1250A	1.75VA	-
1500A	1VA	-
1600A	1VA	-



Measure



Control



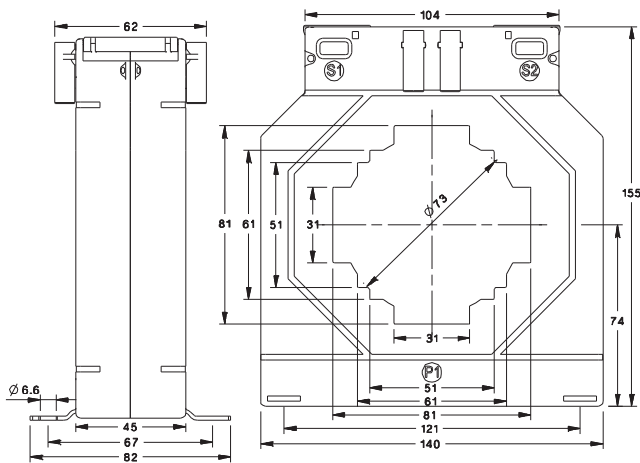
Record



Analyze

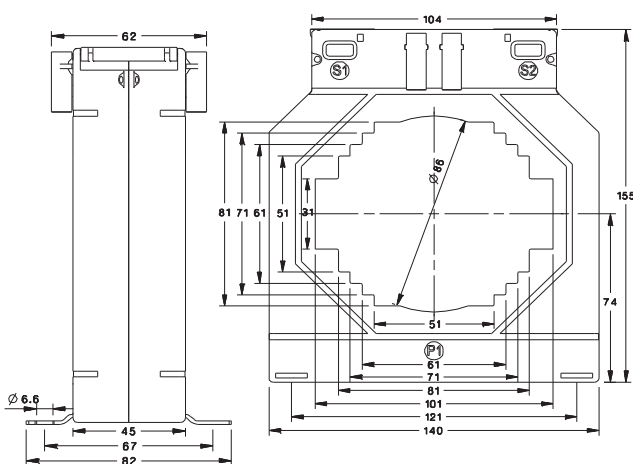


Optimize

RISH XMER PROTECTION CLASS 140 SERIES**RISH XMER 140/80P(45)**

Primary Current	RISH XMER 140/80P(45)			
	Accuracy			
	5P5	10P5	5P10	10P10
200A	5VA	5VA	2.5VA	2.5VA
250A	5VA	5VA	2.5VA	2.5VA
300A	7.5VA	7.5VA	3.75VA	3.75VA
400A	10VA	10VA	5VA	5VA
500A	10VA	10VA	5VA	5VA
600A	10VA	10VA	5VA	5VA
750A	10VA	10VA	5VA	5VA
800A	10VA	10VA	5VA	5VA
1000A	10VA	10VA	5VA	5VA
1200A	10VA	10VA	5VA	5VA
1250A	10VA	10VA	5VA	5VA
1500A	15VA	15VA	7.5VA	7.5VA
1600A	15VA	15VA	7.5VA	7.5VA
2000A	20VA	20VA	10VA	10VA
2500A	20VA	20VA	10VA	10VA

Primary Current	RISH XMER 140/80P(45)	
	5P20	
	Sec. 1A	Sec. 5A
2500A	1VA	-

RISH XMER 140/100P(45)

Primary Current	RISH XMER 140/100P(45)			
	Accuracy			
	5P5	10P5	5P10	10P10
250A	2.5VA	2.5VA	-	-
300A	2.5VA	2.5VA	-	-
400A	3.75VA	3.75VA	-	-
500A	5VA	5VA	-	-
600A	5VA	5VA	1VA	1VA
750A	7.5VA	7.5VA	1VA	1VA
800A	7.5VA	7.5VA	1VA	1VA
1000A	10VA	10VA	1VA	1VA
1200A	10VA	10VA	1VA	1VA
1250A	10VA	10VA	1VA	1VA
1500A	10VA	10VA	1.25VA	1.25VA
1600A	10VA	10VA	1.25VA	1.25VA
2000A	10VA	10VA	1.25VA	1.25VA
2500A	10VA	10VA	1.25VA	1.25VA
3000A	10VA	10VA	1.25VA	1.25VA

All dimensions are in mm



Measure



Control



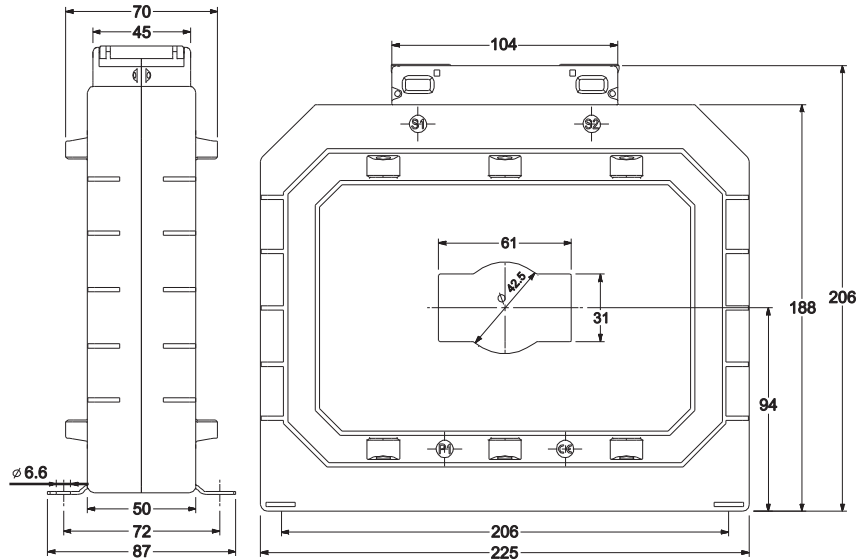
Record



Analyze



Optimize

RISH XMER PROTECTION CLASS 225 SERIES**RISH XMER 225/60P(50)**

Primary Current	RISH XMER 225/60P(50)			
	Accuracy			
	5P5	10P5	5P10	10P10
100A	10VA	10VA	-	-
150A	10VA	15VA	5VA	-
200A	10VA	15VA	7.5VA	10VA
250A	15VA	15VA	10VA	15VA
300A	15VA	15VA	10VA	15VA
400A	15VA	15VA	15VA	15VA
500A	15VA	15VA	15VA	15VA
600A	15VA	15VA	15VA	15VA
750A	15VA	15VA	15VA	15VA
800A	15VA	15VA	15VA	15VA
1000A	15VA	15VA	15VA	15VA
1200A	15VA	15VA	15VA	15VA
1250A	15VA	15VA	15VA	15VA
1500A	15VA	15VA	15VA	15VA
2000A	15VA	15VA	15VA	15VA

Primary Current	RISH XMER 225/60P(50)	
	5P20	
	Sec. 1A	Sec. 5A
100A	1.5VA	1.5VA
150A	2.5VA	2.5VA
200A	3.5VA	2.75VA
250A	3.75VA	3.75VA
300A	3.75VA	3.75VA
400A	5VA	3.75VA
500A	5VA	5VA
600A	7.5VA	5VA
750A	7.5VA	7.5VA
800A	10VA	7.5VA
1000A	10VA	7.5VA
1250A	12.5VA	10VA
1500A	10VA	7.5VA
2000A	12.5VA	7.5VA



Measure



Control



Record



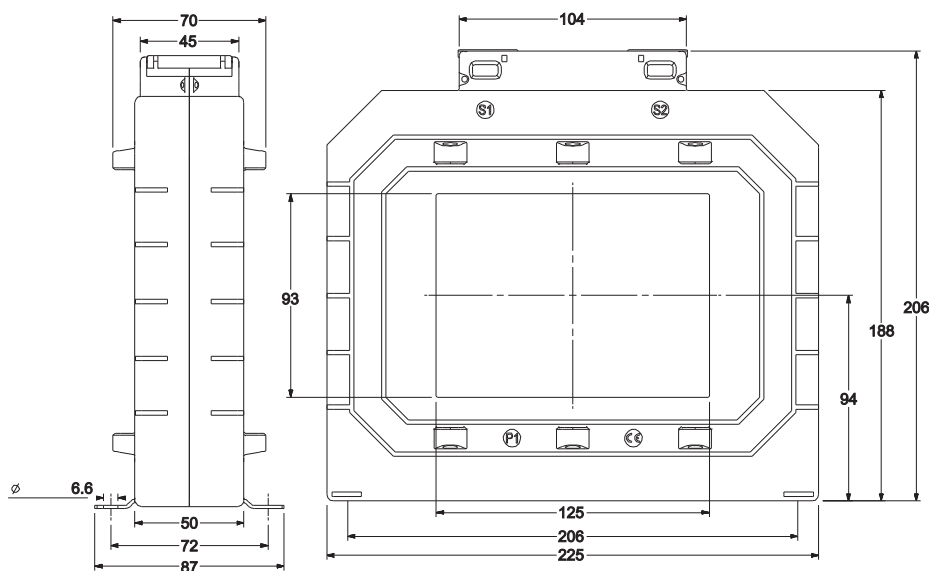
Analyze



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RISH XMER PROTECTION CLASS 225 SERIES

RISH XMER 225/125P(50)



Primary Current	RISH XMER 225/125P(50)			
	Accuracy			
	5P5	10P5	5P10	10P10
600A	5VA	5VA	-	-
750A	5VA	10VA	-	-
1000A	10VA	10VA	-	-
1200A	10VA	15VA	1.5VA	2.5VA
1250A	10VA	15VA	1.5VA	2.5VA
1500A	15VA	15VA	2.5VA	2.5VA
1600A	15VA	15VA	2.5VA	2.5VA
2000A	15VA	15VA	3.75VA	5VA
2500A	15VA	15VA	5VA	7.5VA
3000A	15VA	20VA	5VA	7.5VA
4000A	15VA	20VA	5VA	7.5VA
5000A	20VA	20VA	5VA	10VA

Primary Current	RISH XMER 225/125P(50)	
	5P20	
	Sec. 1A	Sec. 5A
1200A	1VA	-
1500A	1VA	-
1600A	1VA	-
2000A	1.5VA	-
2500A	1.75VA	-
3000A	2.5VA	-
4000A	2.5VA	-

All dimensions are in mm



Measure



Control



Record



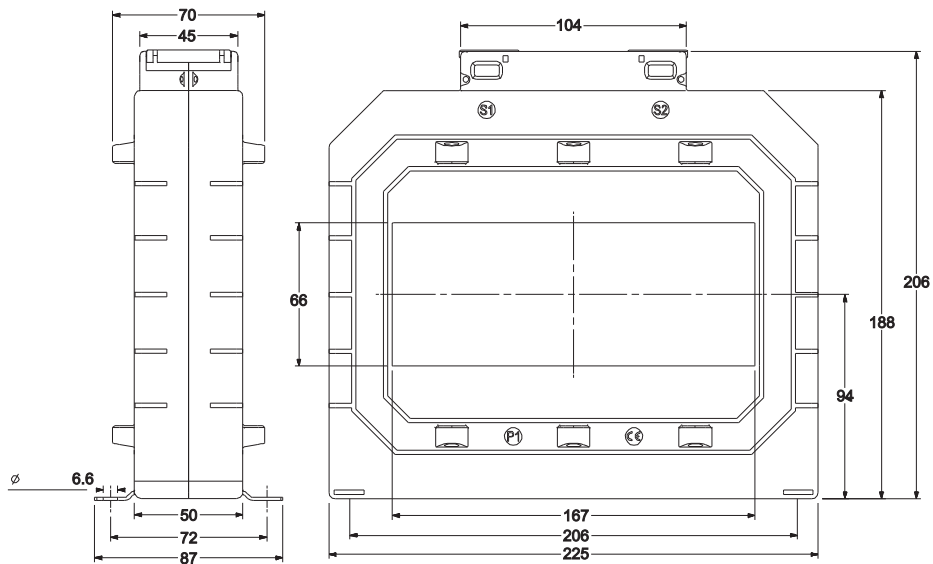
Analyze



Optimize

RISH XMER PROTECTION CLASS 225 SERIES

RISH XMER 225/167P(50)



Primary Current	RISH XMER 225/167P(50)			
	Accuracy			
	5P5	10P5	5P10	10P10
1000A	5VA	5VA	-	-
1200A	5VA	7.5VA	1.5VA	2.5VA
1250A	5VA	7.5VA	1.5VA	2.5VA
1500A	5VA	7.5VA	2.5VA	3.75VA
1600A	5VA	7.5VA	2.5VA	3.75VA
2000A	7.5VA	12.5VA	3.75VA	5VA
2500A	10VA	15VA	3.75VA	7.5VA
3000A	15VA	20VA	7.5VA	10VA
4000A	20VA	20VA	7.5VA	12.5VA
5000A	20VA	20VA	7.5VA	12.5VA
6000A	20VA	20VA	7.5VA	12.5VA

All dimensions are in mm



Measure



Control



Record



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RISHABH

Specifications may change without prior notice



Measure



Control



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