



Data Sheet

RISH X'mer Split CT's

Current Transformer



Measure



Control



Record



Analyze



Optimize

Features

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

Applications

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

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
Insulation Class	E(120°C max)
Highest voltage for equipment (Um)	720V maximum
Test Voltage	4kV 50HZ for 1 min
Rated frequency (fr)	50Hz / 60Hz
Rated primary current (Ipr)	100A to 5000A
Rated secondary current (Isr)	5A standard (1A on request)
Rated burden	1, 1.25, 1.5, 2.5, 3.75, 5, 7.5, 10, 12.5, 15, 20, 30, 45VA
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... +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 (FS)	5, 10, 15, 20, 30.....(depends on VA Burden)



Measure



Control



Record

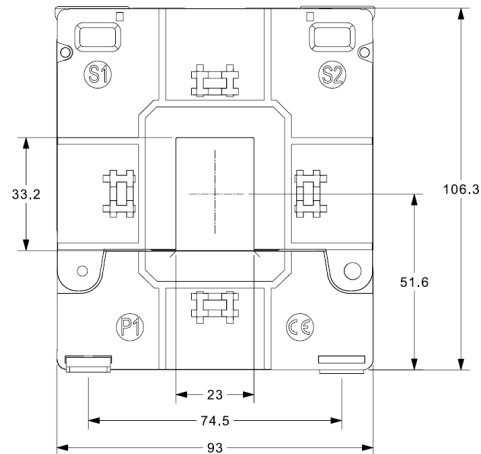
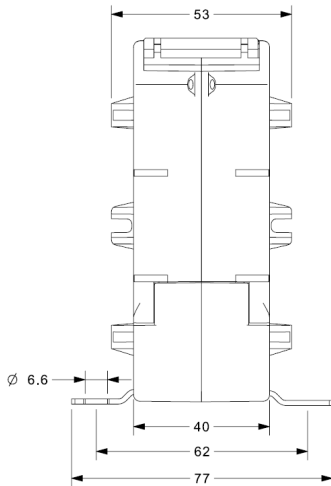


Analyze



Optimize

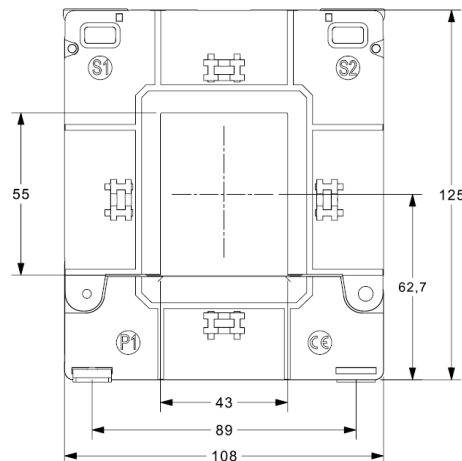
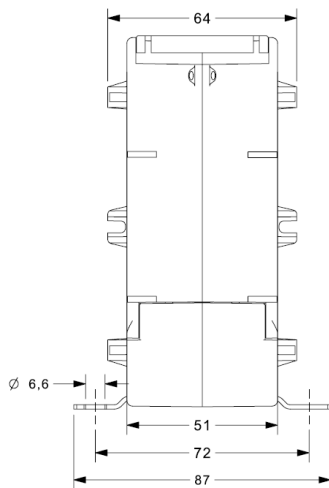
RISH Xmer 93/30SC



Rish Xmer 93/30SC			
Primary Current (A)	Accuracy		
	0.5	1	3
100	-	1.5VA	3.5VA
150	-	1.75VA	3.75VA
200	1.0VA	2.5VA	5.0VA
250	1.5VA	3.75VA	6.25VA
300	2.5VA	5VA	6.25VA
400	3.75VA	6.25VA	10VA

(XS01)

RISH Xmer 105/50SC



Rish Xmer 105/50SC			
Primary Current (A)	Accuracy		
	0.5	1	3
100	-	1.5VA	1.75VA
125	-	1.5VA	1.75VA
150	-	1.5VA	2.5VA
200	1.5VA	1.75VA	2.5VA
250	2.5VA	3.75VA	5VA
300	2.5VA	5.0VA	7.5VA
400	5.0VA	5.0VA	7.5VA
500	5.0VA	7.5VA	10VA
600	6.25VA	7.5VA	10VA
750	7.5VA	10VA	12.5VA
800	7.5VA	12.5VA	15VA

(XS05)

All dimensions are in mm



Measure



Control



Record

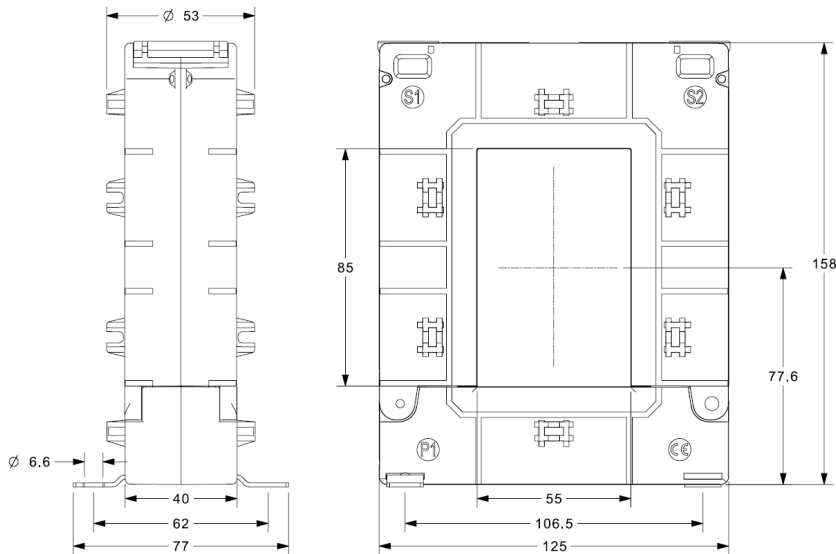


Analyze



Optimize

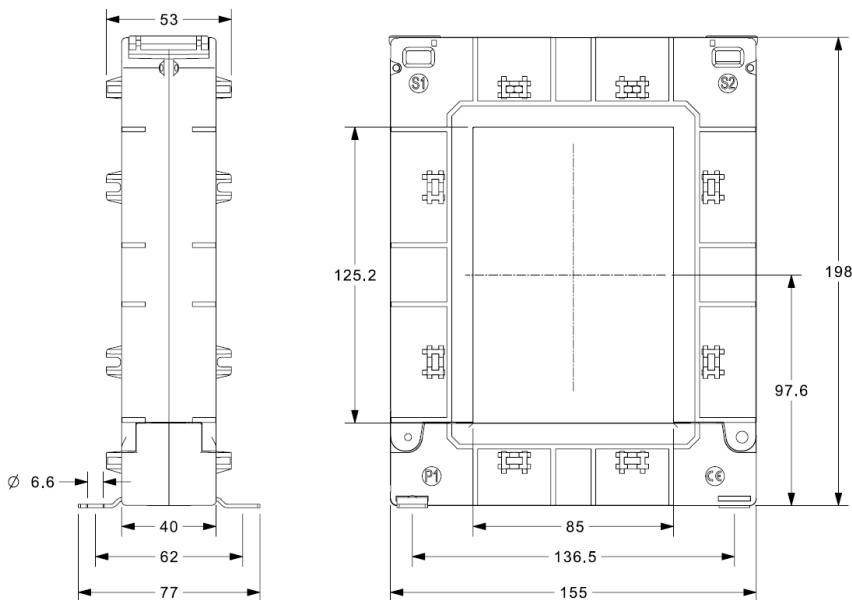
RISH X'mer 125/50SC



Rish Xmer 125/50SC			
Primary Current (A)	Accuracy		
	0.5	1	3
250	1VA	2.5VA	3.75VA
300	2.5VA	3.75VA	5VA
400	2.5VA	3.75VA	5VA
500	3.75VA	5VA	7.5VA
600	5VA	7.5VA	10VA
800	7.5VA	10VA	12.5VA
1000	10VA	15VA	20VA
1200	10VA	15VA	20VA
1500	10VA	15VA	25VA
2000	10VA	15VA	25VA

(XS02)

RISH X'mer 155/80SC



Rish Xmer 155/80SC			
Primary Current (A)	Accuracy		
	0.5	1	3
250	1VA	2.5VA	3.75VA
300	1.5VA	3.75VA	5VA
400	2.5VA	3.75VA	5VA
500	3.75VA	5VA	7.5VA
600	5VA	7.5VA	10VA
750	7.5VA	10VA	12.5VA
800	7.5VA	10VA	12.5VA
1000	10VA	15VA	20VA
1200	15VA	30VA	35VA
1250	15VA	30VA	35VA
1500	20VA	45VA	45VA
1600	20VA	45VA	45VA
2000	20VA	45VA	45VA
2500	25VA	45VA	45VA
3000	30VA	45VA	45VA

(XS03)

All dimensions are in mm



Measure



Control



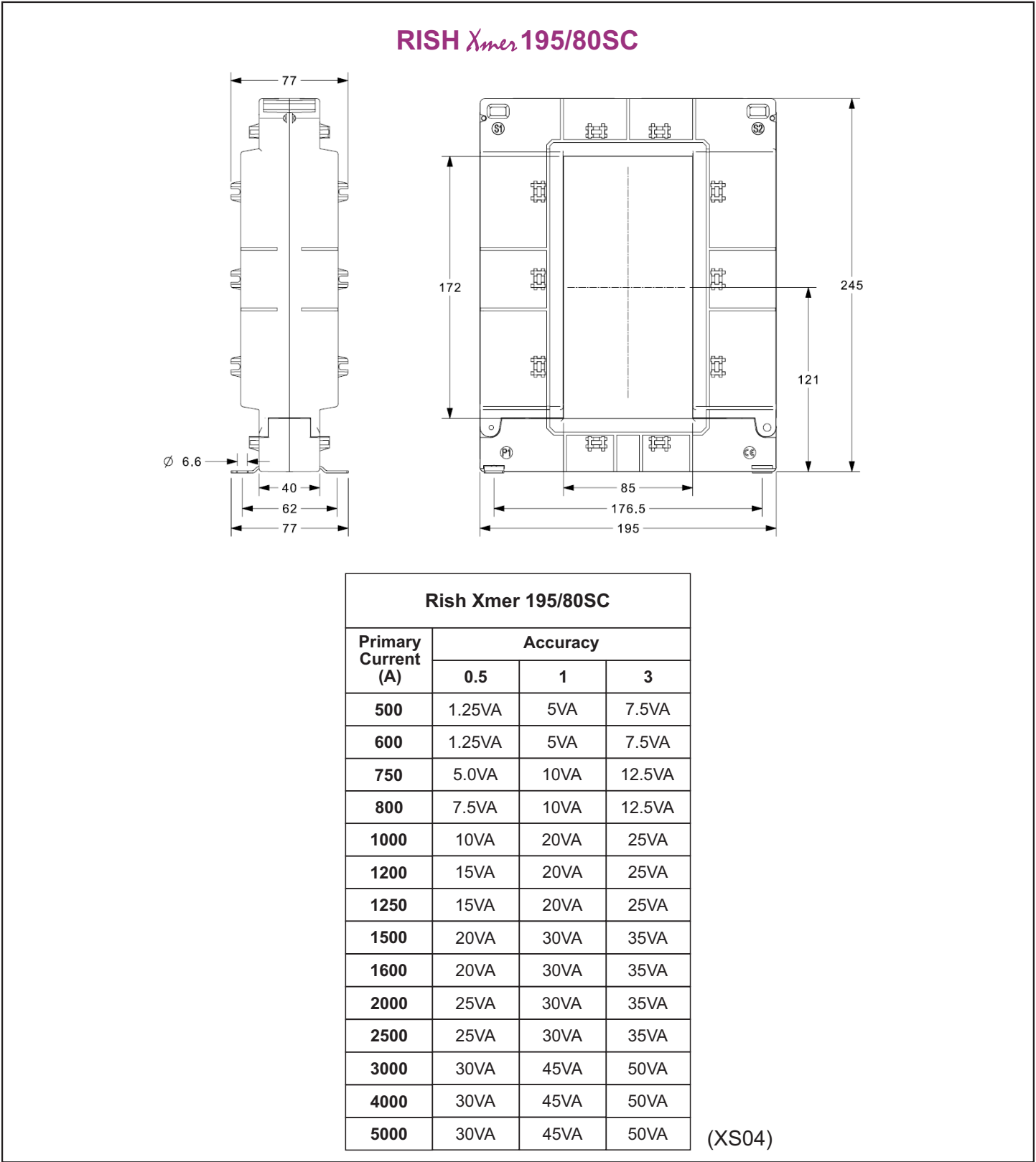
Record



Analyze



Optimize



All dimensions are in mm



Measure



Control



Record



Analyze



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RISHABH

Specifications may change without prior notice



Measure



Control



Record



Analyze



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