



Data Sheet

SQUARE SPLIT CORE CURRENT TRANSFORMER

RISH SPLIT CORE



Measure



Control



Record



Analyze



Optimize

Applicable standard*: - IEC-61869-1&2 / IEC- 60044 -1, BS 3938, IS 2705 -1,2&3.

Applicable standard (For mV Output): - IEC-61869-1

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 RishXmer series and 1 connection on each side M4 screws with self lifting clamp strap for Rish CT series.

Insulation class: - E (120°C max)

System voltage: - 720V maximum

Test voltage: - 4 KV 50 Hz for 1 min

Operating frequency: - 50Hz / 60 Hz

Rated primary rating: - 100 A to 5000 A

Rated secondary output: - 5A standard (1A on request), 333mV

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: -

1) **Current Output** : 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

2) **Voltage Output** : 0.5, 1 and 3.

(If CL0.5 is applicable then lower accuracy class are also applicable i.e CL1.0 and CL3.0)

Ambient temperature: - -25°C to +40°C

Storage temperature: - -50°C...+80°C

Thermal short circuit current (I_{th})*: - 60xI_n for Bus Bar type CT.

Dynamic short circuit current (I_{dyn})*: - 2.5xI_{th}

Instrument security factor (FS)*: - 2.5, 5, 10

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

* Not Applicable to mV output



Measure



Control



Record

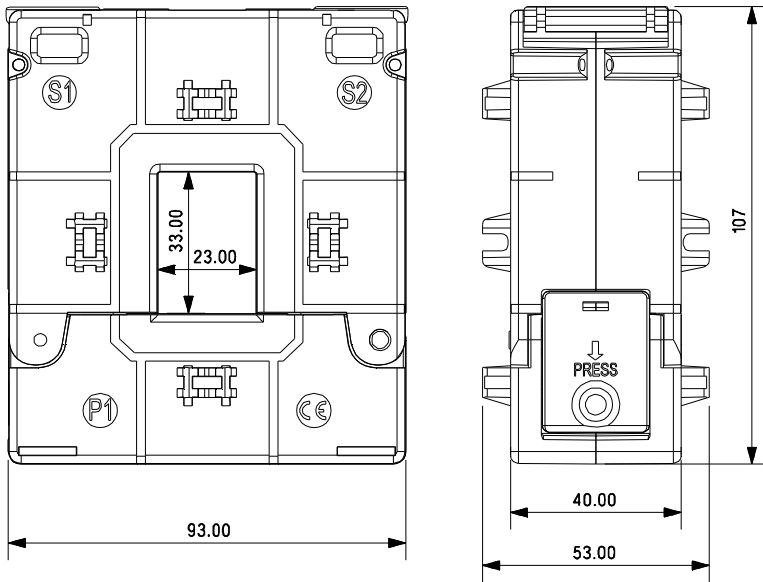


Analyze



Optimize

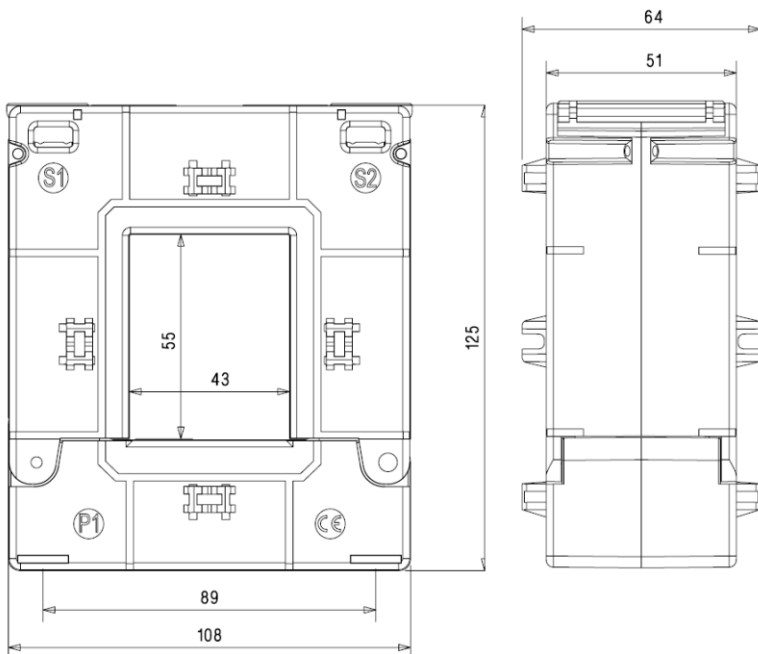
RISH Xmer 93/30 SC



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

(XS01)

RISH Xmer 105/50 SC



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

(XS05)

ALL DIMENSIONS ARE IN MM



Measure



Control



Record

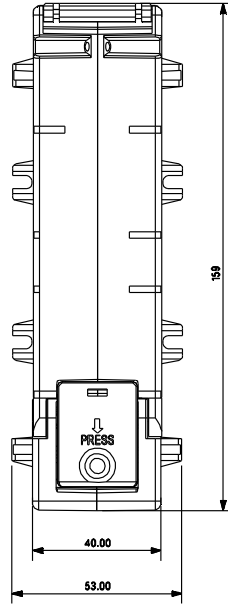
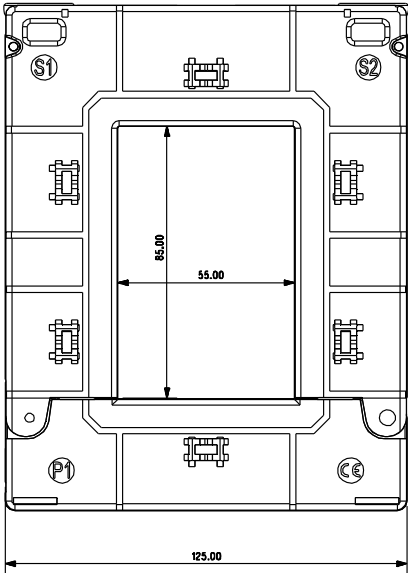


Analyze



Optimize

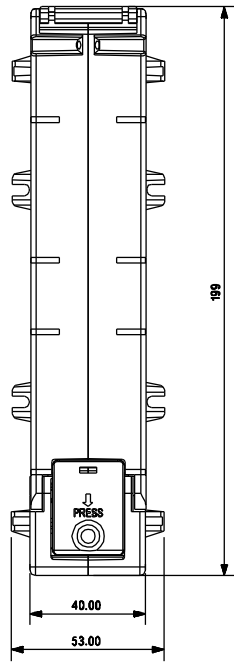
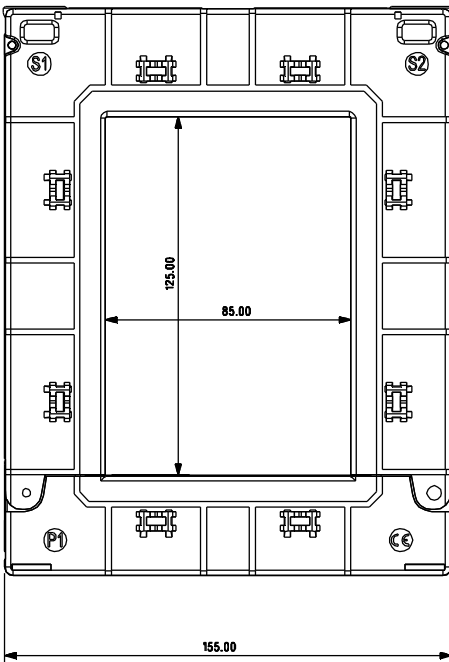
RISH Xmer 125/50 SC



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

(XS02)

RISH Xmer 155/80 SC



Primary Current (A)	Rish Xmer 155/80 SC Accuracy for Sec 1A/5A		
	0.5	1	3
250	1	2.5	3.75
300	1.5	3.75	5
400	2.5	3.75	5
500	3.75	5	7.5
600	5	7.5	10
750	7.5	10	12.5
800	7.5	10	12.5
1000	10	15	20
1200	15	30	35
1250	15	30	35
1500	20	45	45
1600	20	45	45
2000	20	45	45
2500	25	45	50
3000	30	45	50

(XS03)

ALL DIMENSIONS ARE IN MM



Measure



Control



Record

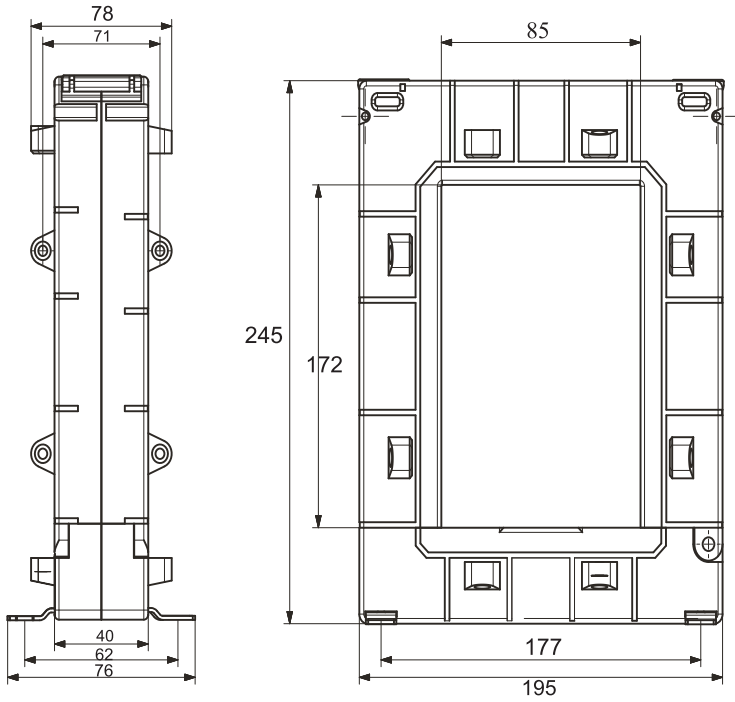


Analyze



Optimize

RISH *Xmer* 195/80 SC



Primary Current (A)	Rish Xmer 195/80 SC Accuracy for Sec 1A/5A		
	0.5	1	3
500	1.25	5	7.5
600	1.25	5	7.5
750	5	10	12.5
800	7.5	10	12.5
1000	10	20	25
1200	15	20	25
1250	15	20	25
1500	20	30	35
1600	20	30	35
2000	25	30	35
2500	25	30	35
3000	30	45	50
4000	30	45	50
5000	30	45	50

(XS04)

ALL DIMENSIONS ARE IN MM



Measure



Control



Record



Analyze



Optimize



RISHABH



Measure



Control



Record



Analyze



Optimize

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