

LOW VOLTAGE CURRENT TRANSFORMER

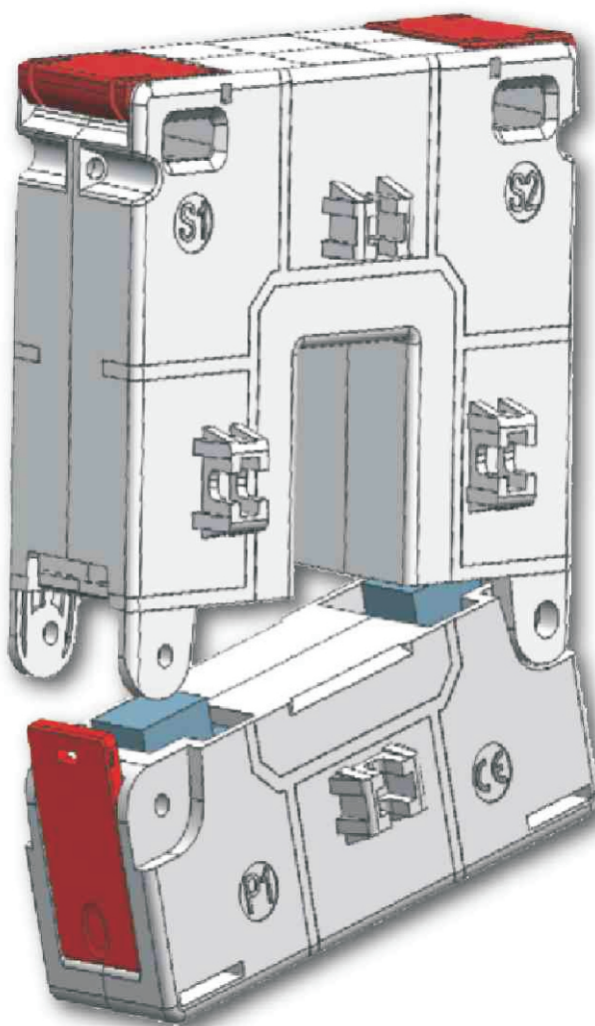
RISH SPLIT CORE



Data Sheet

**SQUARE SPLIT CORE
CURRENT TRANSFORMER**

SPLIT CORE



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Rishabh Instruments



**RISHABH
INSTRUMENTS**

Measure, Control & Record with a Difference

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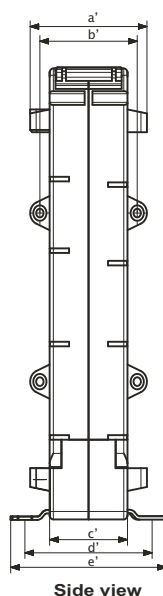
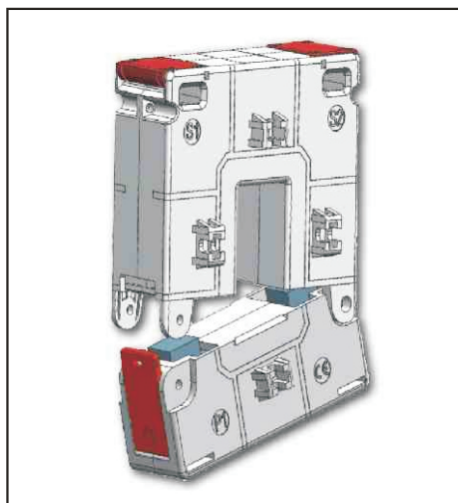
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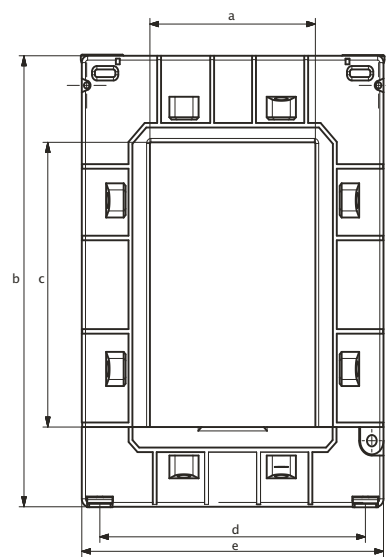
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RISH SPLIT CORE

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Side view



Front view

ALL DIMENSIONS ARE IN MM

DIMENSION DETAILS

Front View					
	a	b	c	d	e
93/30SC (40)	23	106	33	75	93
105/50SC (50)	43	125	55	90	108
125/50SC (40)	55	158	85	106	125
155/80SC (40)	85	198	125	136	155
195/80SC (64)	85	245	172	177	195

Side View					
Model	a'	b'	c'	d'	e'
93/30SC (40)	54	46	40	62	76
105/50SC (50)	64	56	50	72	86
125/50SC (40)	54	46	40	62	76
155/80SC (40)	54	46	40	62	76
195/80SC (64)	78	71	40	62	76

FEATURES

- Installation is possible without cutting busbar.
- Test Voltage 3KV 50Hz 1min.
- System Voltage 720V Max.
- Ratio ratings from 100/5A to 5000/5A.
- Comprehensive measurement of class accuracy.
- Wide range of system current ratings and busbar sizes.
- CTs manufactured as per IEC 61869-1 & IS 2705-1

APPLICATIONS

- Switchgear
- Distribution system
- Generator sets
- Control panels
- Overload protection
- Control devices



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RISH SPLIT CORE

SPLIT CORE CTs

Primary Current	VA/Acc Class	OD/ID (Axial)	RISH CT Type
100A	1.5VA / Class 1	93 / 30 (40)	RISH Xmer 93/30SC (40)
100A	3.5VA / Class 3	93 / 30 (40)	RISH Xmer 93/30SC (40)
150A	1.75VA / Class 1	93 / 30 (40)	RISH Xmer 93/30SC (40)
150A	3.75VA / Class 3	93 / 30 (40)	RISH Xmer 93/30SC (40)
200A	2.5VA / Class 1	93 / 30 (40)	RISH Xmer 93/30SC (40)
200A	5VA / Class 3	93 / 30 (40)	RISH Xmer 93/30SC (40)
250A	3.75VA / Class 1	93 / 30 (40)	RISH Xmer 93/30SC (40)
250A	6.25VA / Class 3	93 / 30 (40)	RISH Xmer 93/30SC (40)
300A	5VA / Class 1	93 / 30 (40)	RISH Xmer 93/30SC (40)
300A	6.25VA / Class 3	93 / 30 (40)	RISH Xmer 93/30SC (40)
400A	6.25VA / Class 1	93 / 30 (40)	RISH Xmer 93/30SC (40)
400A	10VA / Class 3	93 / 30 (40)	RISH Xmer 93/30SC (40)

Primary Current	VA/Acc Class	OD/ID(Axial)	RISH CT Type
100	1.5VA / Class 1	105/50 (50)	RISH Xmer 105/50SC (50)
125	1.5VA / Class 1	105/50 (50)	RISH Xmer 105/50SC (50)
150	1.75VA / Class 1	105/50 (50)	RISH Xmer 105/50SC (50)
200	1.5VA / Class 0.5	105/50 (50)	RISH Xmer 105/50SC (50)
200	3.75VA / Class 1	105/50 (50)	RISH Xmer 105/50SC (50)
250	2.5VA / Class 0.5	105/50 (50)	RISH Xmer 105/50SC (50)
250	5VA / Class 1	105/50 (50)	RISH Xmer 105/50SC (50)
300	2.5VA / Class 0.5	105/50 (50)	RISH Xmer 105/50SC (50)
300	5VA / Class 1	105/50 (50)	RISH Xmer 105/50SC (50)
400	5VA / Class 0.5	105/50 (50)	RISH Xmer 105/50SC (50)
400	7.5VA / Class 1	105/50 (50)	RISH Xmer 105/50SC (50)
500	5VA / Class 0.5	105/50 (50)	RISH Xmer 105/50SC (50)
500	7.5VA / Class 1	105/50 (50)	RISH Xmer 105/50SC (50)
600	6.25VA / Class 0.5	105/50 (50)	RISH Xmer 105/50SC (50)
600	10VA / Class 1	105/50 (50)	RISH Xmer 105/50SC (50)
750	7.5VA / Class 0.5	105/50 (50)	RISH Xmer 105/50SC (50)
750	12.5VA / Class 1	105/50 (50)	RISH Xmer 105/50SC (50)
800	7.5VA / Class 0.5	105/50 (50)	RISH Xmer 105/50SC (50)
800	12.5VA / Class 1	105/50 (50)	RISH Xmer 105/50SC (50)

Primary Current	VA/Acc Class	OD/ID (Axial)	RISH CT Type
500A	3.75VA / Class 0.5	125 / 50 (40)	RISH Xmer 125/50SC (40)
500A	5VA / Class 1	125 / 50 (40)	RISH Xmer 125/50SC (40)
600A	5VA / Class 0.5	125 / 50 (40)	RISH Xmer 125/50SC (40)
600A	7.5VA / Class 1	125 / 50 (40)	RISH Xmer 125/50SC (40)
750A	7.5VA / Class 0.5	125 / 50 (40)	RISH Xmer 125/50SC (40)
750A	10VA / Class 1	125 / 50 (40)	RISH Xmer 125/50SC (40)
800A	7.5VA / Class 0.5	125 / 50 (40)	RISH Xmer 125/50SC (40)
800A	10VA / Class 1	125 / 50 (40)	RISH Xmer 125/50SC (40)
1000A	10VA / Class 0.5	125 / 50 (40)	RISH Xmer 125/50SC (40)
1000A	15VA / Class 1	125 / 50 (40)	RISH Xmer 125/50SC (40)



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Primary Current	VA/Acc Class	OD/ID (Axial)	RISH CT Type
1200A	15VA / Class 0.5	155 / 80 (40)	RISH χ_{mer} 155/80SC (40)
1200A	30VA / Class 1	155 / 80 (40)	RISH χ_{mer} 155/80SC (40)
1250A	15VA / Class 0.5	155 / 80 (40)	RISH χ_{mer} 155/80SC (40)
1250A	30VA / Class 1	155 / 80 (40)	RISH χ_{mer} 155/80SC (40)
1500A	20VA / Class 0.5	155/80 (40)	RISH χ_{mer} 155/80SC (40)
1500A	45VA / Class 1	155/80 (40)	RISH χ_{mer} 155/80SC (40)
1600A	45VA / Class 1	155/80 (40)	RISH χ_{mer} 155/80SC (40)
1600A	45VA / Class 1	155/80 (40)	RISH χ_{mer} 155/80SC (40)
2000A	20VA / Class 0.5	155/80 (40)	RISH χ_{mer} 155/80SC (40)
2000A	45VA / Class 1	155/80 (40)	RISH χ_{mer} 155/80SC (40)
2500A	20VA / Class 0.5	155/80 (40)	RISH χ_{mer} 155/80SC (40)
2500A	45VA / Class 1	155/80 (40)	RISH χ_{mer} 155/80SC (40)
3000A	20VA / Class 0.5	155/80 (40)	RISH χ_{mer} 155/80SC (40)
3000A	45VA / Class 1	155/80 (40)	RISH χ_{mer} 155/80SC (40)

Primary Current	VA/Acc Class	OD/ID(Axial)	RISH CT Type
500A	1.25VA / Class 0.5	195/80 (64)	RISH χ_{mer} 195/80SC (64)
500A	5VA / Class 1	195/80 (64)	RISH χ_{mer} 195/80SC (64)
600A	1.25VA / Class 0.5	195/80 (64)	RISH χ_{mer} 195/80SC (64)
600A	5VA / Class 1	195/80 (64)	RISH χ_{mer} 195/80SC (64)
750A	5VA / Class 0.5	195/80 (64)	RISH χ_{mer} 195/80SC (64)
750A	10VA / Class 1	195/80 (64)	RISH χ_{mer} 195/80SC (64)
800A	7.5VA / Class 0.5	195/80 (64)	RISH χ_{mer} 195/80SC (64)
800A	10VA / Class 1	195/80 (64)	RISH χ_{mer} 195/80SC (64)
1000A	10VA / Class 0.5	195/80 (64)	RISH χ_{mer} 195/80SC (64)
1000A	20VA / Class 1	195/80 (64)	RISH χ_{mer} 195/80SC (64)
1200A	15VA / Class 0.5	195/80 (64)	RISH χ_{mer} 195/80SC (64)
1200A	20VA / Class 1	195/80 (64)	RISH χ_{mer} 195/80SC (64)
1250A	15VA / Class 0.5	195/80 (64)	RISH χ_{mer} 195/80SC (64)
1250A	20VA / Class 1	195/80 (64)	RISH χ_{mer} 195/80SC (64)
1500A	20VA / Class 0.5	195/80 (64)	RISH χ_{mer} 195/80SC (64)
1500A	30VA / Class 1	195/80 (64)	RISH χ_{mer} 195/80SC (64)
1600A	20VA / Class 0.5	195/80 (64)	RISH χ_{mer} 195/80SC (64)
1600A	30VA / Class 1	195/80 (64)	RISH χ_{mer} 195/80SC (64)
2000A	25VA / Class 0.5	195/80 (64)	RISH χ_{mer} 195/80SC (64)
2000A	30VA / Class 1	195/80 (64)	RISH χ_{mer} 195/80SC (64)
2500A	25VA / Class 0.5	195/80 (64)	RISH χ_{mer} 195/80SC (64)
2500A	30VA / Class 1	195/80 (64)	RISH χ_{mer} 195/80SC (64)
3000A	30VA / Class 0.5	195/80 (64)	RISH χ_{mer} 195/80SC (64)
3000A	45VA / Class 1	195/80 (64)	RISH χ_{mer} 195/80SC (64)
4000A	30VA / Class 0.5	195/80 (64)	RISH χ_{mer} 195/80SC (64)
4000A	45VA / Class 1	195/80 (64)	RISH χ_{mer} 195/80SC (64)
5000A	30VA / Class 0.5	195/80 (64)	RISH χ_{mer} 195/80SC (64)
5000A	45VA / Class 1	195/80 (64)	RISH χ_{mer} 195/80SC (64)

