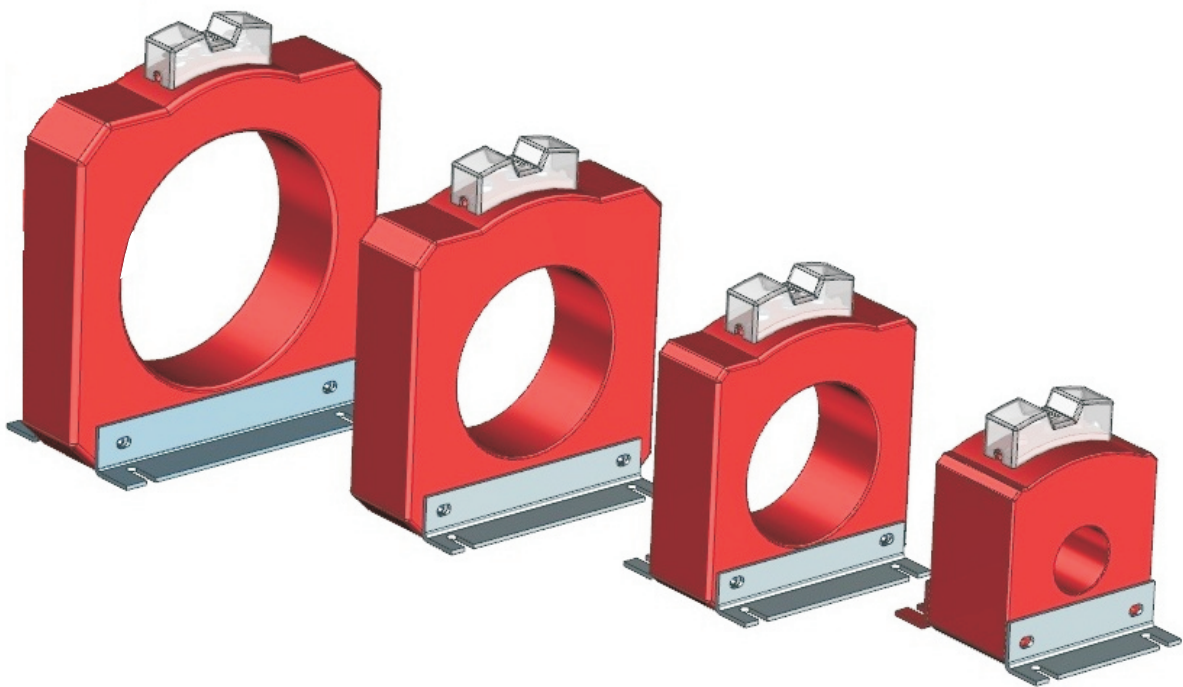




## Data Sheet

### Protection Class

### LTTC SERIES



## General specification

- # **Applicable standard** :- IEC61869-1 & 2
- # **Type** :- Epoxy Resin cast Low voltage Ring type CT.
- # **Insulation class** :- E (120°C max)
- # **Rated insulation level** :- 0.72/3KV
- # **Operating frequency** :- 50 / 60Hz
- # **Test voltage** :- 3KV 50 Hz for 1 minute.
- # **Rated Primary current** :- 100 A to 5000A
- # **Rated secondary current** :- 5A, 1A
- # **Continuous current** :- 1.2X Rated current (In)
- # **Rated Burden**:- 1VA to 15VA
- # **Accuracy class** :- 5P
- # **Accuracy limit Factor** :- 5 & 10
- # **Rated short time thermal current I<sub>th</sub>** :- 60 X In for 1 sec (max.40 kA for 1 sec)
- # **Rated dynamic current (I<sub>dyn</sub>)** :- 2.5 I<sub>th</sub>
- # **Ambient temperature range**:- -20 to +45°C
- # **Storage temperature range**:- -50 to +80°C

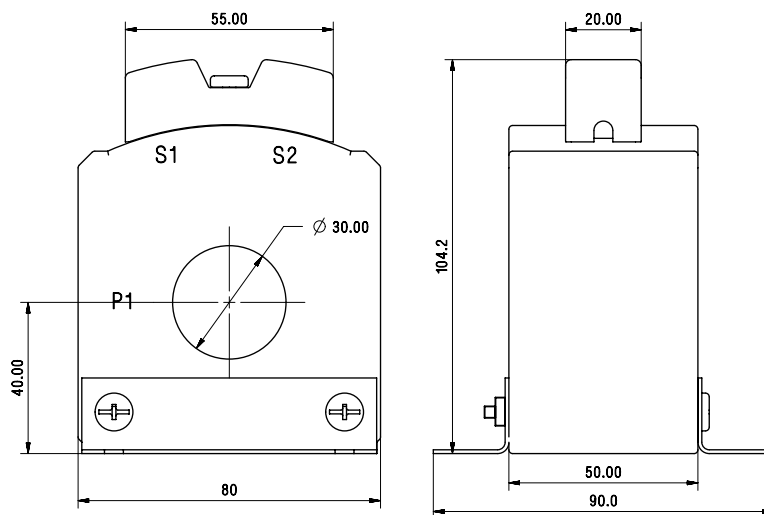
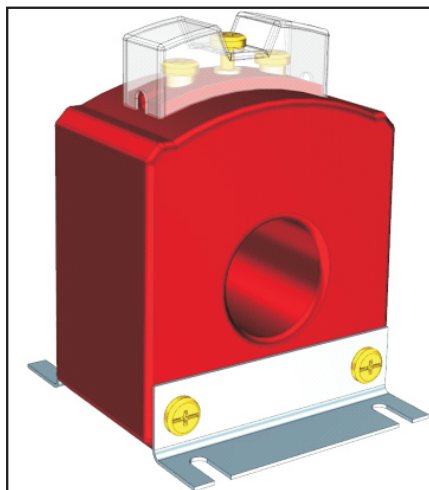
## Features:

- # **Transparent cover with IP 20 protection to terminals.**
- # **Wide range of system current Ratings.**
- # **Terminal marking engraving**
- # **Wall mounting.**
- # **Terminal self lifting clamp assembly**



## RISH LTRC-1 SERIES

LTRC-1 80/30(50)



**LTRC- 1 80/30 (50)**

Secondary 5A			Secondary 1A		
RATIO	VA	CLASS	RATIO	VA	CLASS
100/5	1.5	5P5	100/1	1.5	5P5
125/5	1.5	5P5	125/1	1.5	5P5
150/5	1	5P10	150/1	1	5P10
160/5	1	5P10	160/1	1.25	5P10

ALL DIMENSIONS ARE IN mm



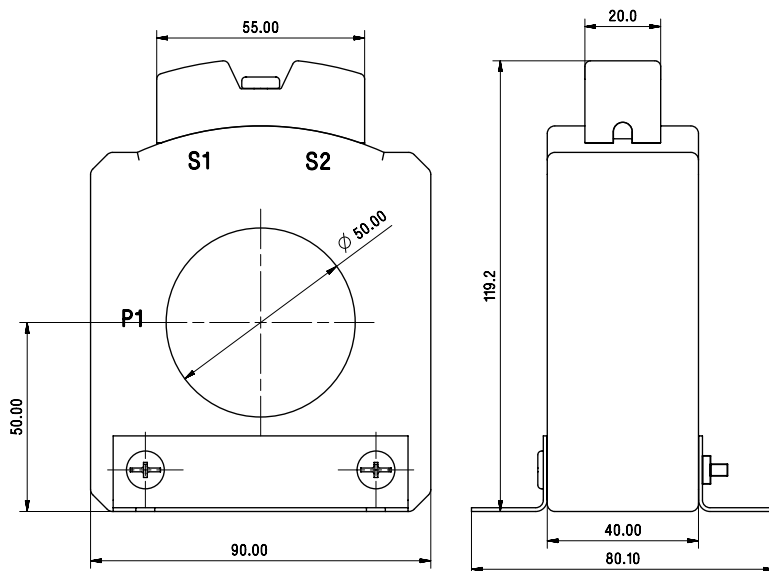
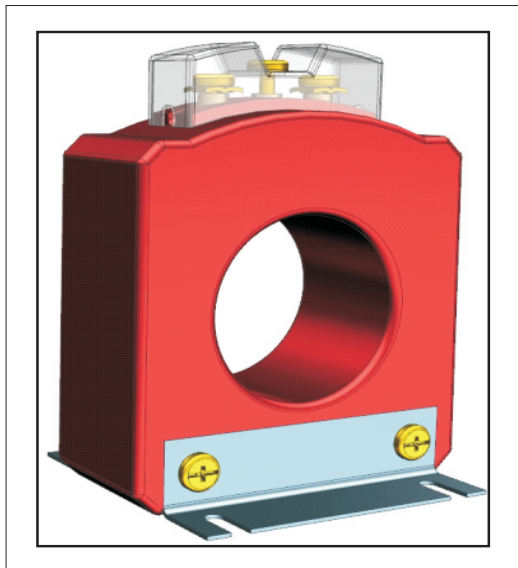
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E-mail : India :- marketing@rishabh.co.in  
International :- exp.marketing@rishabh.co.in  
www.rishabh.co.in

## RISH LTRC-2 SERIES

LTRC-2 90/50(40)



**LTRC- 2 90/50 (40)**

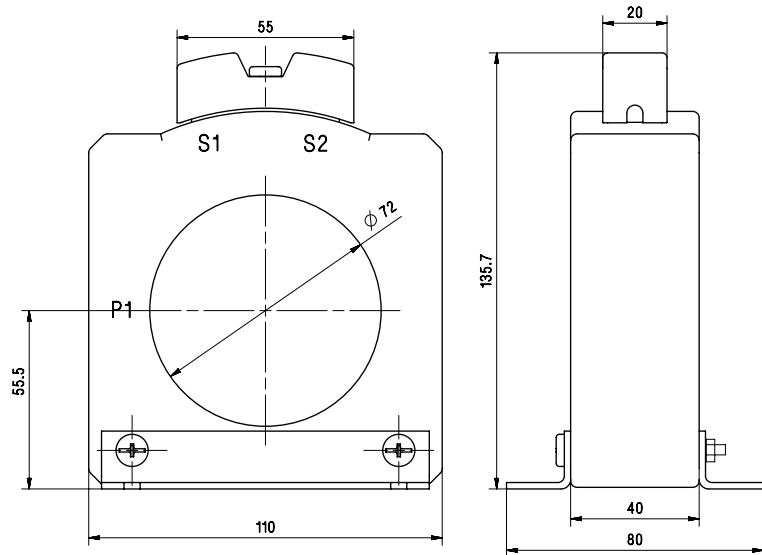
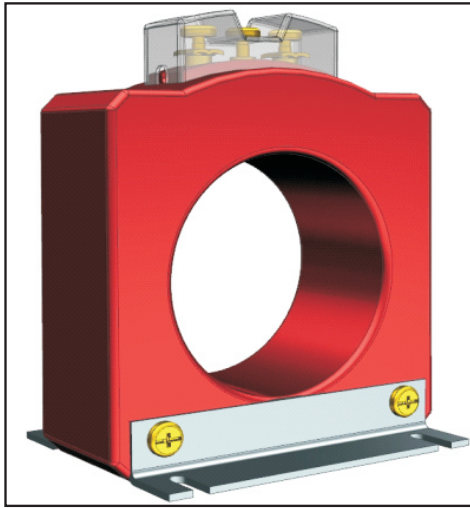
Secondary 5A			Secondary 1A		
RATIO	VA	CLASS	RATIO	VA	CLASS
200/5	1.25	5P5	200/1	1.5	5P5
250/5	1.5	5P5	250/1	2.5	5P5
300/5	1.5	5P5	300/1	1	5P10
320/5	1.5	5P5	320/1	1	5P10

ALL DIMENSIONS ARE IN mm



## RISH LTRC-3 SERIES

LTRC-3 110/72(40)



**LTRC- 3 110/72 (40)**

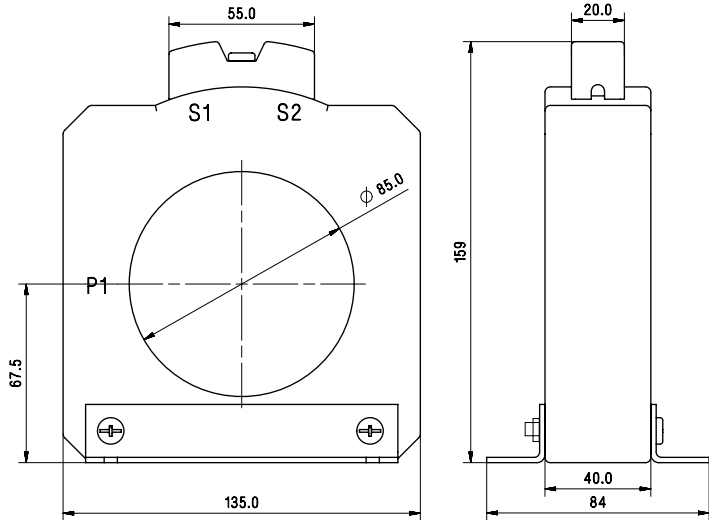
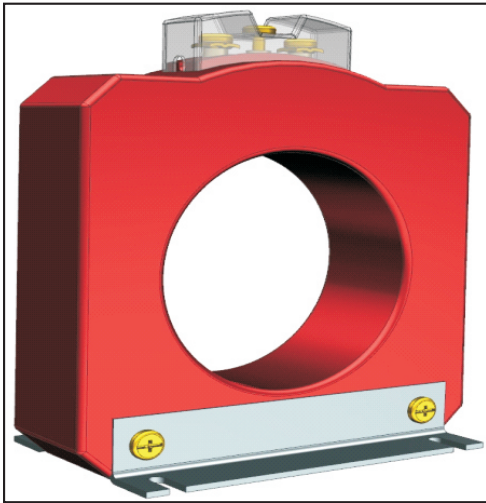
Secondary 5A			Secondary 1A		
RATIO	VA	CLASS	RATIO	VA	CLASS
400/5	1	5P5	400/1	1	5P5
500/5	1	5P5	500/1	1.5	5P5
600/5	1.5	5P5	600/1	1.75	5P5
630/5	1.5	5P5	630/1	1.75	5P5

ALL DIMENSIONS ARE IN mm



# RISH LTRC-4 SERIES

LTRC-4 135/85(40)



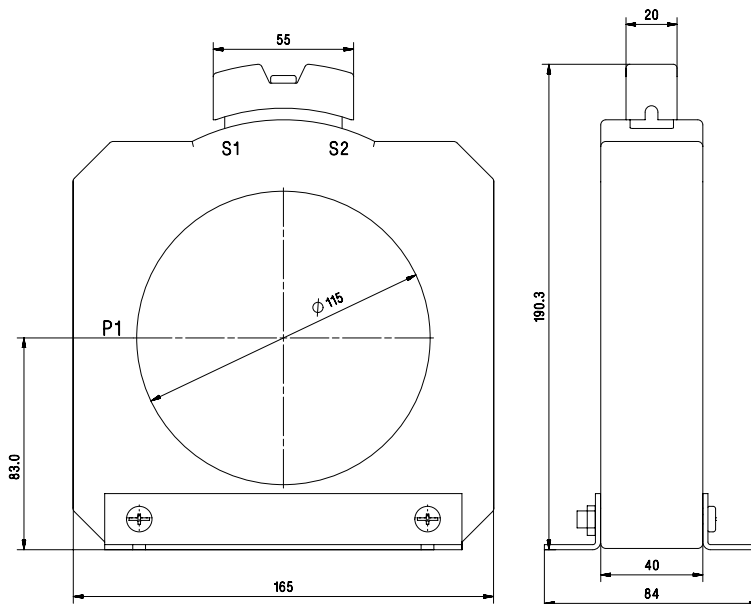
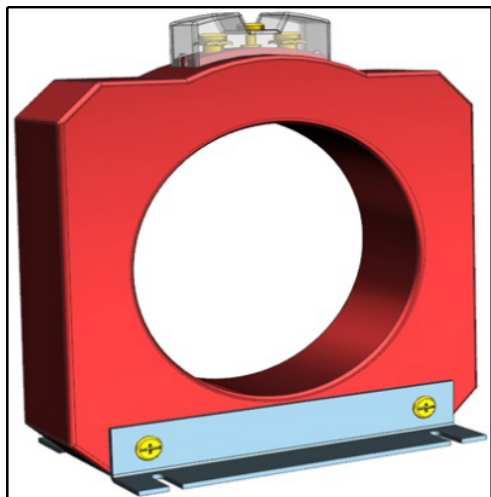
<b>LTRC- 4 135/85 (40)</b>					
<b>Secondary 5A</b>			<b>Secondary 1A</b>		
<b>RATIO</b>	<b>VA</b>	<b>CLASS</b>	<b>RATIO</b>	<b>VA</b>	<b>CLASS</b>
800/5	2.5	5P5	800/1	1.75	5P10
1000/5	3.75	5P5	1000/1	1.75	5P10
1200/5	5	5P5	1200/1	2.5	5P10
1250/5	5	5P5	1250/1	2.5	5P10

ALL DIMENSIONS ARE IN mm



## RISH LTRC-5 SERIES

LTRC-5 165/115(40)



**LTRC-5 165/115 (40)**

Secondary 5A			Secondary 1A		
RATIO	VA	CLASS	RATIO	VA	CLASS
1250/5	2.5	5P5	1250/1	1.75	5P10
1500/5	3.75	5P5	1500/1	2.5	5P10
1600/5	5	5P5	1600/1	2.5	5P10
2000/5	6.25	5P5	2000/1	2.5	5P10

ALL DIMENSIONS ARE IN mm

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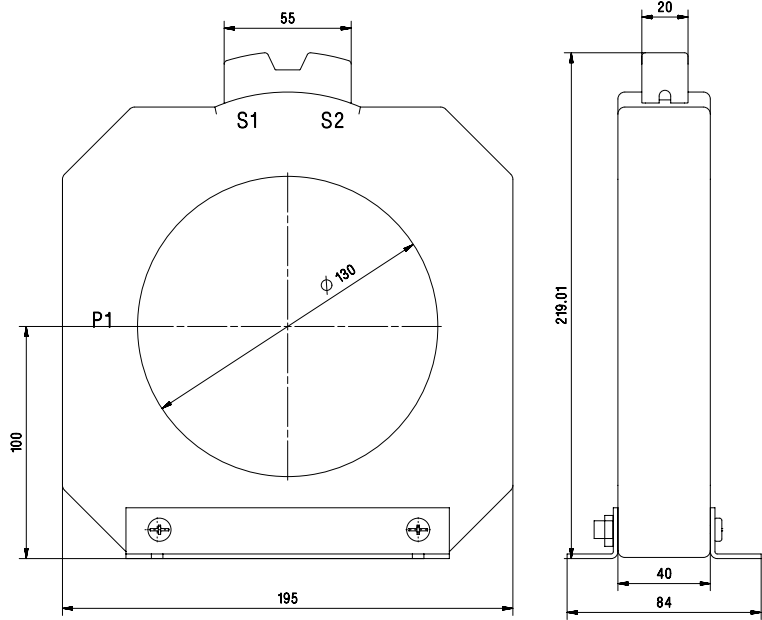
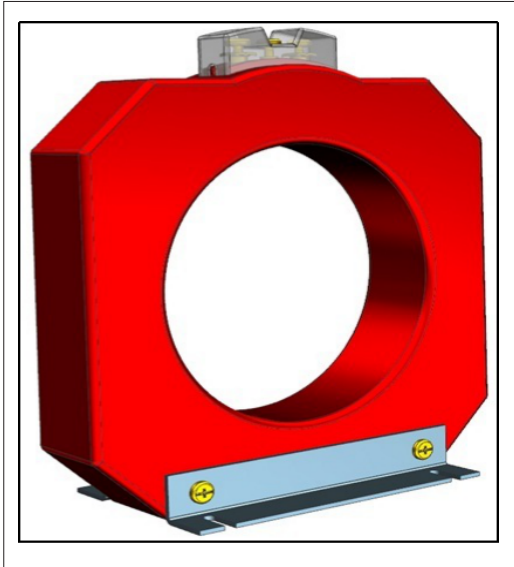
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International :- exp.marketing@rishabh.co.in  
www.rishabh.co.in

## RISH *LTRC-6*SERIES

*LTRC-6 195/130(40)*



<i>LTRC- 6 195/130 (40)</i>					
Secondary 5A			Secondary 1A		
RATIO	VA	CLASS	RATIO	VA	CLASS
2500/5	3.75	5P10	2500/1	5	5P10
3000/5	3.75	5P10	3000/1	6.25	5P10
3200/5	3.75	5P10	3200/1	7.5	5P10

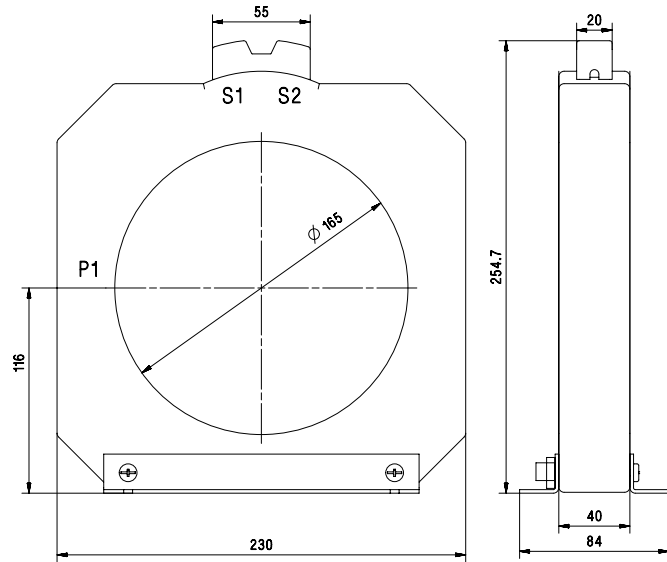
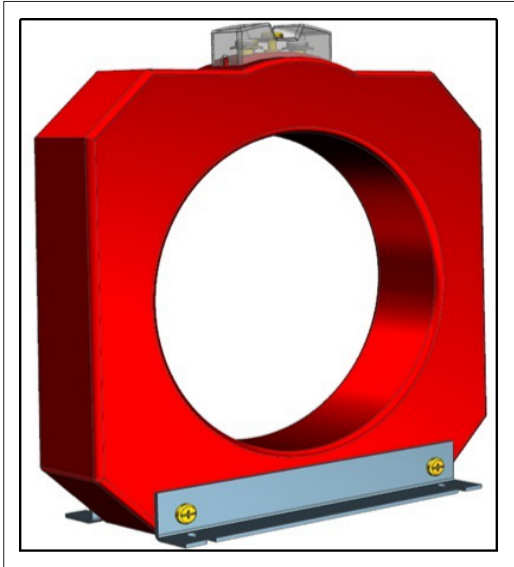
ALL DIMENSIONS ARE IN mm





## RISH *LTRC-7* SERIES

*LTRC-7* 230/165(40)



*LTRC-7* 230/165 (40)

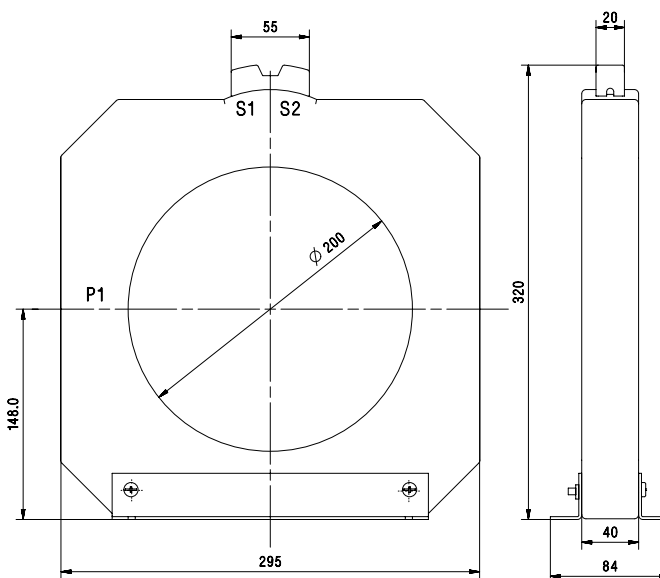
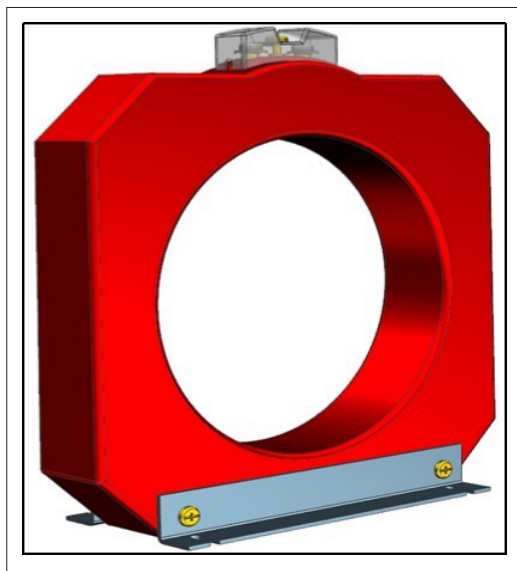
Secondary 5A			Secondary 1A		
RATIO	VA	CLASS	RATIO	VA	CLASS
3000/5	3.75	5P10	3000/1	5	5P10
3200/5	3.75	5P10	3200/1	5	5P10

ALL DIMENSIONS ARE IN mm



## RISH *LTRC-8* SERIES

*LTRC-8 295/200(40)*



*LTRC- 8 295/200 (40)*

Secondary 5A			Secondary 1A		
RATIO	VA	CLASS	RATIO	VA	CLASS
4000/5	10	5P10	4000/1	15	5P10
5000/5	10	5P10	5000/1	20	5P10

ALL DIMENSIONS ARE IN mm



# RISH RESIN CAST CT

XRCX	XX	X	XX	X	X	XX	XXXX
80/30 (50) - XRC1							
90/50 (40) - XRC2							
110/72 (40) - XRC3							
135/85 (40) - XRC4							
165/115 (40) - XRC5							
195/130 (40) - XRC6							
230/165 (40) - XRC7							
295/200 (40) - XRC8							
<b>Primary current</b>							
60A....5000A		01					
<b>Secondary</b>							
1A			1				
5A			5				
<b>Burden</b>							
2.5VA ....15VA				01			
<b>Accuracy Class</b>							
1.0					1		
0.5					2		
5P10					3		
5P5					4		
<b>Company code</b>							
RISHABH						R	
Other						B	
<b>Customer specific</b>						00	
<b>Reserved</b>							0000

Sr. No.	Ordering code	Description
1	XRC1-221041R000000	RC CT 80/30/50 60/1A 1.5VA CL1
2	XRC3-071031R000000	RC CT 110/72/41 400/1A 15VA CL1
3	XRC8-201031R000000	RC CT 295/200/40 4000/1A 15VA CL1



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