





## Rayleigh Instruments Current Transformer Overview



	RI-CT050	RI-CT060	RI-CT070	RI-CT080	RI-CT090	RI-CT100	RI-CT110	RI-CT120	
<b>Single Phase CT</b>									
	<b>Primary Current</b>	40...300A	100...500A	100...800A	250...1250A	400...1600A	400...2000A	400...2000A	150...2000A
	<b>Secondary Current</b>	5A or 1A	5A or 1A	5A or 1A	5A or 1A	5A or 1A	5A or 1A	5A or 1A	5A or 1A
	<b>Cable Diameter</b>	Ø 21mm	Ø 24mm	Ø 28mm	Ø 40mm	Ø 45mm	–	Ø 60mm	–
	<b>Busbar Aperture</b>	–	20 x 20mm or 30 x 10mm	40 x 10mm or 30 x 10mm	50 x 10mm or 40 x 30mm	60 x 15mm or 50 x 30mm	60 x 30mm	60 x 30mm or 80 x 10mm or 50 x 50mm	65 x 32mm
	<b>DIN Rail Mount</b>	Supplied	Supplied	Supplied	Supplied	–	–	–	–
	<b>Foot Mount</b>	Push in	Push in	Push in	Push in	Push in	Push in	Push in	–
	<b>Busbar Mount</b>	–	✓	✓	✓	✓	✓	✓	✓
	<b>Sealable Terminal Cover</b>	✓	✓	✓	✓	✓	✓	✓	✓
	<b>Dims. (mm) H x W x D</b>	65 x 44 x 30	70 x 49 x 30	78 x 60 x 30	95 x 70 x 40	111 x 85 x 30	126 x 90 x 45	124 x 100 x 40	111 x 90 x 40
<b>Split Core CT</b>	RI-CTS010	RI-CTS016	RI-CTS024	RI-CTS036	RI-CTS58MT	RI-CTS230	RI-CTS580		
									
	<b>Primary Current</b>	5...75A	50...160A	100...300A	250...630A	Multi Ratio 200, 400, 600, 800, 1000A	100...400A	200...1000A	
	<b>Secondary Current</b>	.333mV	.333mV	5A or 1A	5A or 1A	5A or 1A	5A or 1A	5A or 1A	
	<b>Cable Diameter</b>	Ø 10mm	Ø 16mm	Ø 24mm	Ø 36mm	Ø 63mm	–	–	
	<b>Busbar Aperture</b>	–	–	–	–	–	20 x 30mm	50 x 80mm	
	<b>Foot Mount</b>	–	–	–	–	–	Push in	Push in	
	<b>Busbar Mount</b>	–	–	–	–	–	–	✓	
	<b>Sealable Terminal Cover</b>	–	–	–	–	–	✓	✓	
	<b>Dims. (mm) H x W x D</b>	40.5 x 25.5 x 26	44.5 x 32 x 31	66.5 x 50.5 x 41	84 x 57.5 x 42	123 x 133 x 37	109 x 89 x 40	145 x 115 x 51	

RI-CT120H	RI-CT130	RI-CT130H	RI-CT140	RI-CT140H	RI-CT150	RI-CT150H	RI-CT160	RI-CT160H
								
150...2000A 5A or 1A	150...2500A 5A or 1A	150...2500A 5A or 1A	200...4000A 5A or 1A	200...4000A 5A or 1A	400...4000A 5A or 1A	400...4000A 5A or 1A	400...6000A 5A or 1A	400...6000A 5A or 1A
-	-	-	-	-	-	-	-	-
65 x 32mm	84 x 34mm	84 x 34mm	105 x 38mm	105 x 38mm	127 x 38mm	127 x 38mm	127 x 54mm	127 x 54mm
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓
107 x 95 x 40	133 x 96 x 40	113 x 116.5 x 40	154 x 96 x 40	113 x 137.5 x 40	176 x 98 x 40	115 x 159.5 x 40	176 x 125 x 40	142 x 159 x 40

RI-CTS880	RI-CTS812	RI-CTS816	RI-CTP010	RI-CTP040
				
250...1000A 5A or 1A	500...1600A 5A or 1A	2000...6000A 5A or 1A	1...40A 5A or 1A	30...150A 5A or 1A
-	-	-	-	-
80 x 80mm Push in	80 x 120mm Push in	80 x 160mm Push in	80 x 62 x 50 Push in	97 x 80 x 44 Push in
✓ ✓	✓ ✓	✓ ✓	- ✓	- ✓
154 x 145 x 51	196 x 145 x 52	250 x 186 x 52	80 x 62 x 50	97 x 80 x 44



# Rayleigh Instruments

## Why Buy from Rayleigh Instruments?

- 50+ Years of successful trading (Est. 1964)
- Full after sales support
- BSI Certified ISO9001 since 1991
- Extensive range in stock

	RI-CT240-EW	RI-CT242-EW	RI-CT249-EW	RI-CT248-EW	RI-CT250-EW
<b>Three Phase CT</b>					
Primary Current	60...160A	60...250A	60...160A	250...630A	630...1600A
Secondary Current	330mV	330mV	330mV	330mV	330mV
Centres	25mm	35mm	29mm	45mm	70mm
Cable Diameter	Ø 15mm	Ø 21mm	Ø 16mm	Ø 31mm	Ø 50mm
Aperture	15.5 x 30mm	21 x 25mm	16 x 20mm	31 x 31mm	54 x 50mm
DIN Rail Mount	Supplied	Supplied	Supplied	Supplied	Supplied
Foot Mount	Push in	Push in	Push in	Push in	Push in
Busbar Mount	✓	✓	✓	✓	✓
Sealable Terminal Cover	✓	✓	✓	✓	✓
Dimensions (mm) H x W x D	80 x 76 x 76	80 x 105 x 54	68 x 90 x 76	90 x 140 x 54	124 x 215 x 54

	TAS240	TAS242	TAS248	TAS250
<b>Three Phase CT</b>				
Primary Current	60...200A	60...250A	250...630A	630...1600A
Secondary Current	5A or 1A	5A or 1A	5A or 1A	5A or 1A
Centres	25mm	35mm	45mm	70mm
Cable Diameter	Ø 21mm	Ø 24mm	Ø 28mm	Ø 40mm
Aperture	15.5 x 30mm	21 x 25mm	31 x 31mm	54 x 50mm
DIN Rail Mount	-	-	-	Supplied
Foot Mount	Integral Moulded Foot	Integral Moulded Foot	Integral Moulded Foot	Push in
Busbar Mount	-	-	-	✓
Sealable Terminal Cover	✓	✓	✓	✓
Dimensions (mm) H x W x D	80 x 75 x 75	80 x 105 x 54	90 x 140 x 53	124 x 214 x 52

*Also available from  
Rayleigh Instruments:*

- *Class X CTs*
- *High Accuracy CTs*
- *Protection Class CTs*
- *Ring Type CTs*
- *Core Balanced CTs*
- *Rogowski Coils*
- *Special Order CTs*