

RISHO**利昌 樹脂模注式比流器****EPOXY CASTING CURRENT TRANSFORMER****■ CHARACTERISTICS:**

- ① RISHO's Epoxy Resin are specially modified with filler and hardener for Instrument transformers. The volume contraction of this resin is only 0.5%-0.6% (Polyester 4.5-5.5%), then the contraction arising on resin hardening does not bring any inside distortion, besides the resin expanding coefficient being adjusted to come near to ones of wound coils any cracks don't occur.
- ② In case of resin casting, High Voidless technology & condition under high temperature and vacuum are free from the worry of cracks and cause of bubbles, Accordingly, the results of heat cycle test show the good ability as per graph.
- ③ Risho's Instrument Transformers offer excellent dielectric withstand strength, dielectric constant and dissipation factor.
- ④ The water absorption in resin portion is less than 0.1% (Polyester 0.3-0.5%) As it is known well that epoxy resin is applied for adhesive, the relative bonding strength makes completely sealing with terminals and other parts and repel any moisture from his portion. Accordingly, the operation in high ambient temp, and humidity places are O-key.
- ⑤ Risho's Instrument Transformers offer excellent Oil-resistance, hume and poisonous gas resistance (Cl gas)
- ⑥ Risho's Instrument transformers offer good Hi-Temp. Resistance.

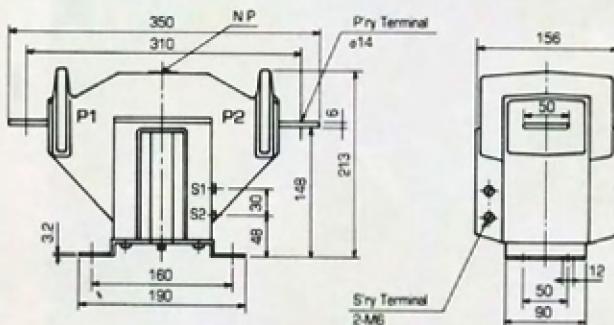
■ SPECIFICATIONS:

Type	TRC-213	TRC-214	RC-47SN	RC-312
Standard	IEC-185, JIS C1731, JEC-190, ANSI C57.13			
Rated voltage (KV)	12	24		
Insulation voltage for 1 min. (KV)	28 (34)	50		
Impulse withstand voltage (KV)	75 (95)	125		
Primary current	single ratio (A) double ratio (A)	5 to 600 5-10 to 300-600	5 to 600 5-10 to 300-600	
Secondary current	(A)	1 or 5	1 or 5	
Accuracy class		0.5, 1.0, 5P10, 10P10, 10P20, 5P20		
Rated output (VA)		15, 25, 30, 40, 50		
Secondary windings		1 1 or 2	1 1 or 2	
Over current strength (1 sec.)	single ratio double ratio	400 Times 200 Times	400 Times 200 Times	240 (300) Times 120 (150) Times
Rated frequency (HZ)			50, 60	
Weight (Kg)	14	22	25	28

* Other request, please contact us.

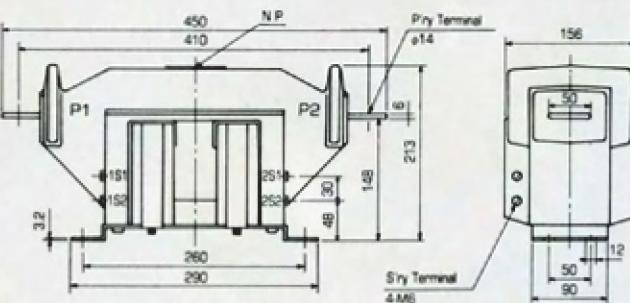
■ DIMENSIONS:

TRC-213



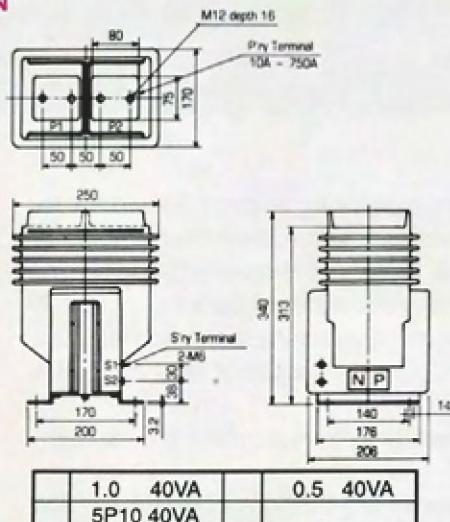
1.0 40VA	0.5 40VA
5P10 15VA	

TRC-214



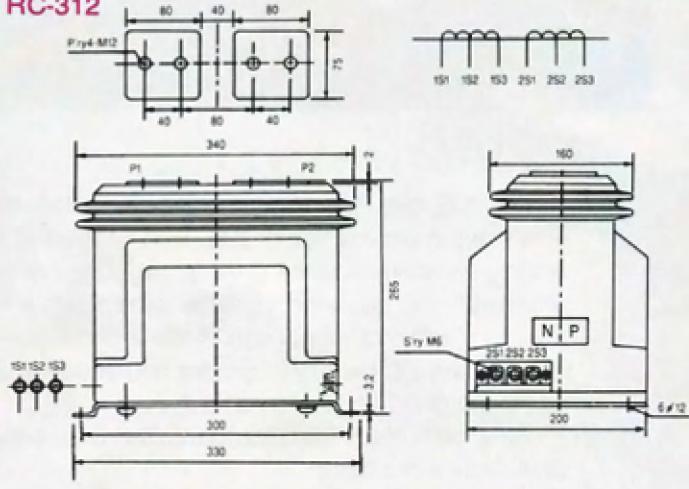
10P10 30VA / 1.0 30VA	5P10 40VA
C100	

RC-47SN



1.0 40VA	0.5 40VA
5P10 40VA	

RC-312



5P10 30VA / 1.0 30VA	5P20 15VA / 1.0 30VA

ISO 9001 認証取得 (尼崎工場)

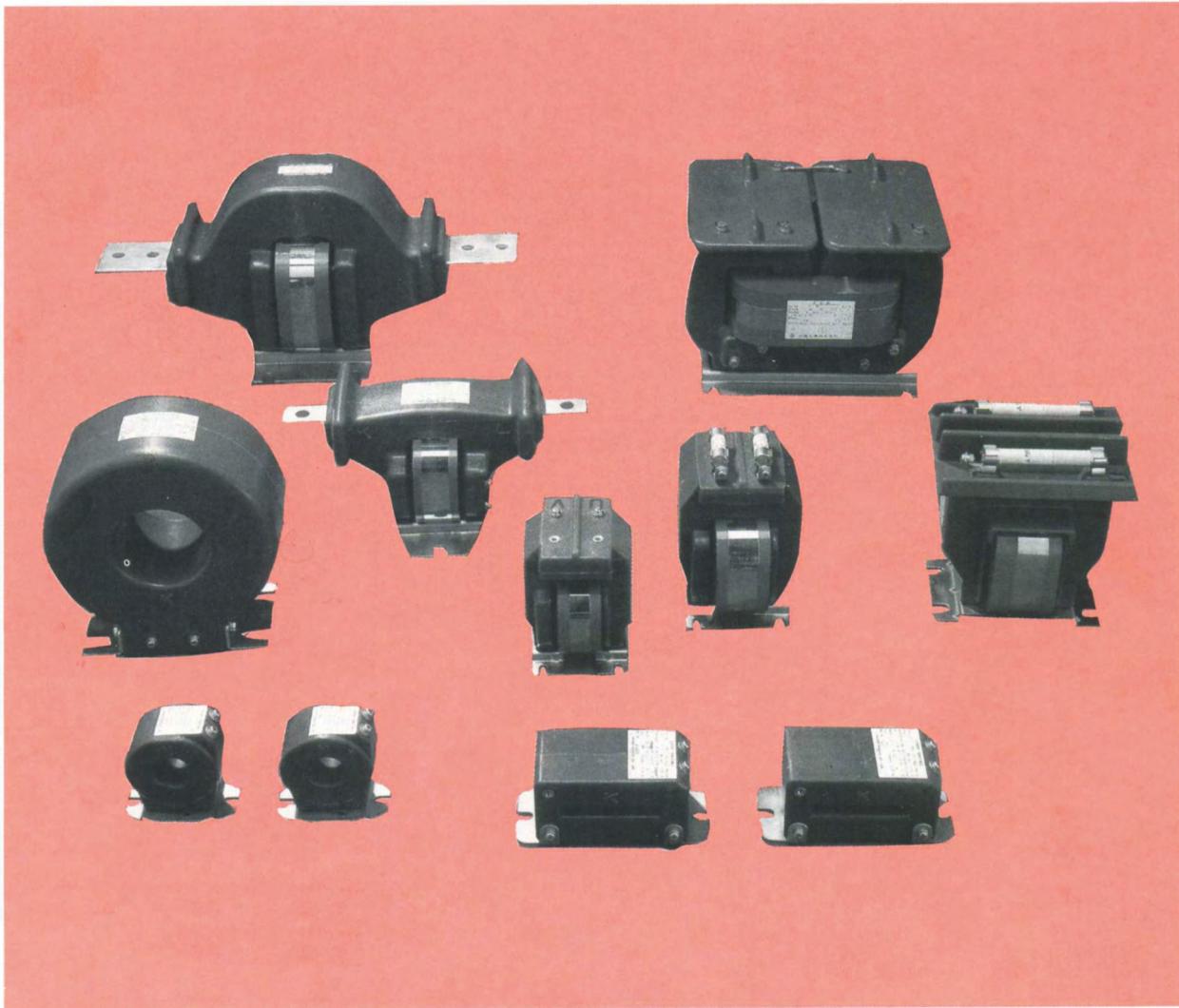


利昌工業株式会社

SINCE 1921

RISHO KOGYO CO., LTD.

1-9, DOJIMA 2-CHOME
KITA-KU, OSAKA, 530 JAPAN

RISHO**利昌 樹脂模注式比流器****EPOXY CASTING CURRENT TRANSFORMER****■ FEATURE:**

RISHO'S CT is molded with epoxy, and be small size, light weight, high insulation. Highly resistant to strong discharges, highly resistant to mechanical impacts and resistant to damp, oil, dust and most chemical products.

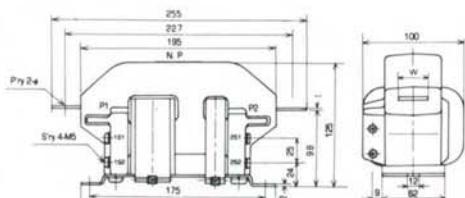
■ SPECIFICATIONS:

Type	RC-234	RC-235	ER-241	ER-206	ER-48
Standard	IEC-185, JIS C1731, JEC-190, ANSI C57.13				
Rated voltage (KV)	3.6/7.2				
Insulation voltage for 1 min. (KV)	19/22				
Primary current	single ratio (A)	5 to 300	5 to 300	400 to 1200	1500 to 3000
	double ratio (A)	—	—	200-400 to 600-1200	750-1500 to 1500-3000
Secondary current (A)	1 or 5				
Rated output (VA)	25/15				
Accuracy class	0.5/5P10				
Secondary windings	2				
Over current strength (1 sec.)	single ratio	40 Times	75 Times	75 Times	40 KA
	double ratio	—	40 Times	40 Times	40 KA
Rated frequency (HZ)	50, 60				
Weight (Kg)	5	8	9	12	25

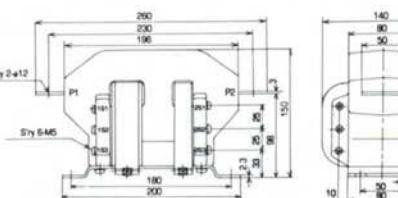
* Other request, please contact us.

■ DIMENSIONS:

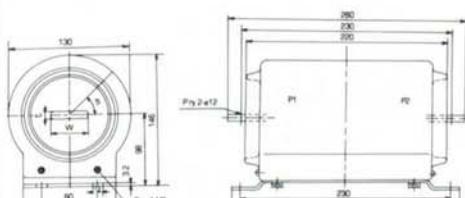
RC-234



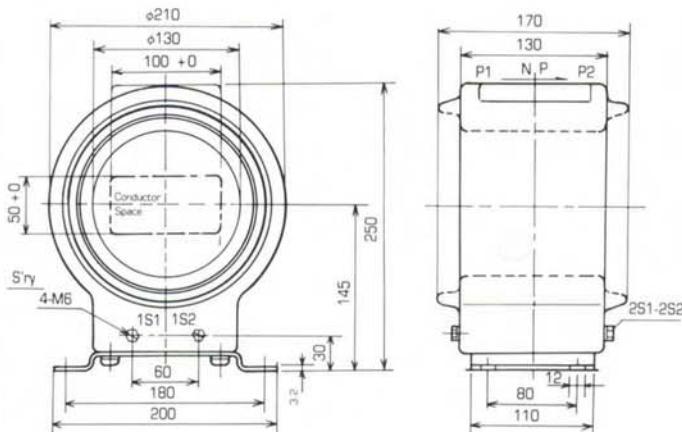
RC-235



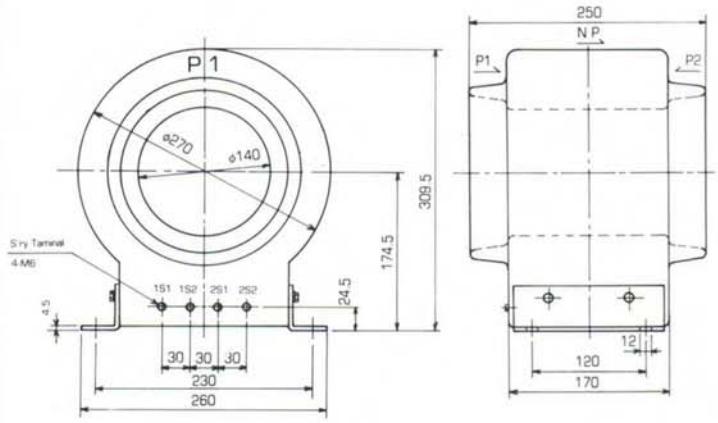
ER-241



ER-206



ER-48



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