

Current Transformer (7.2kV)



- 옥내용 (For Indoor)
- Cable or Bus-bar 관통형 (Cable or Bus-bar Through Type)
- 일반 계기 및 보호 계전기용 (For Metering & Protection)
- Epoxy Mold로 절연특성 강화
(Insulation : Epoxy Vacuum Molding)

■ For Metering

Type	RH 6 □ A	
Standard	KS C 1706	IEC 61869-2
Max. Voltage	7.2 kV	
Insulation Level	7.2 / 22 / 60 kV (6A)	7.2 / 20 / 60 kV
Short time Current Max. kA	40 In ~ 40 kA / 1 sec.	
Rated Secondary Current	5 or 1 A	
Rated Burden	15 ~ 40 VA	
Accuracy Class	1.0	
Rated Continuous Thermal Current	1.0 In	1.2 In
Frequency	60 Hz (Others on request)	

■ For Protection

Type	RH 6 □ RA	
Standard	JEC 1201	IEC 61869-2
Max. Voltage	6.9 kV	7.2 kV
Insulation Level	6.9 / 22 / 60 kV	7.2 / 20 / 60 kV
Short time Current Max. kA	40 In ~ 40 kA / 1 sec.	
Rated Secondary Current	5 or 1 A	
Rated Burden	15 ~ 40 VA	
Accuracy Class	1P	5P, 10P
Over Current Factor	n > 10 or 20	n > 10 or 20
Rated Continuous Thermal Current	1.0 In	1.2 In
Frequency	60 Hz (Others on request)	

※ IEEE C 57.13 규격에 의한 제품의 생산이 가능하며, 계급, 부담, 과전류 정수 등의 사양변경에 따라 다양한 생산도 가능합니다.

Can manufacture the products based on IEEE C 57.13 standards, and also Can manufacture the various products by change of specification, such as the Accuracy class, Burden and Over-current factor.

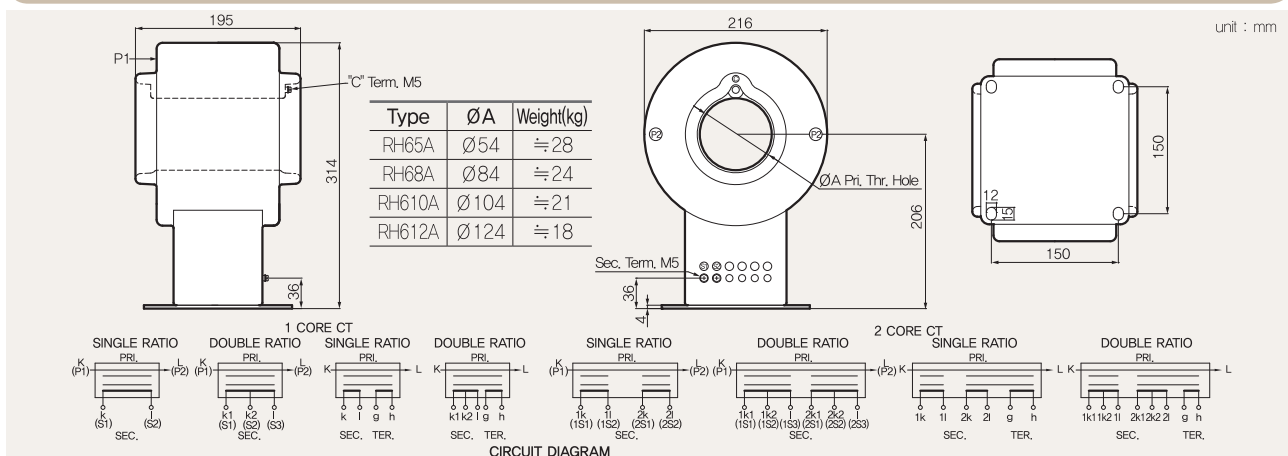
※ 단시간 과전류값은 2차측에 정격 부담의 25% 부담을 접속한 상태에서의 보증치 입니다.

Short time current being subject to 25% rated burden connection at secondary side for all ratios.

※ 저압 0.23~1.2kV도 생산 가능하며, 제품 주문시 RL6□□A로 주문 하시길 바랍니다.

Can be manufactured the VT for low voltage of 0.23~1.2kV. To order the RL6□□A.

■ Dimension & Drawing



※ 1차 관통 도체가 나도체일 경우에 상단의 "C" 단자와 1차 관통 도체를 연결하십시오.

The "C" terminal is connected with the primary bus-bar (high Voltage Conductor), in case of the primary bus-bar is the bare conductor

Specification

RH65A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RH65A	150 ~ 2000 / 5	0.5	15	—	—	—	0.5	15	—	Single Ratio
	RH65DA	300,150 ~ 2000,1000 / 5	1.0	40				1.0	30		Double Ratio
Protection	RH65RA	100 ~ 2000 / 5	—	—	1P	15	10	5P/10P	15	10	Single Ratio
		200 ~ 2000 / 5	—	—	1P	15	20	5P/10P	15	20	
			—	—	1P	40	10	5P/10P	30	10	
		400 ~ 2000 / 5	—	—	1P	40	20	5P/10P	30	20	
	RH65DRA	200,100 ~ 2000,1000 / 5	—	—	1P	15	10/5	5P/10P	15	10/5	Double Ratio
		300,150 ~ 2000,1000 / 5	—	—	1P	40	10/5	5P/10P	30	10/5	
		400,200 ~ 2000,1000 / 5	—	—	1P	40	20/10	5P/10P	30	20/10	
	RH65RAT	400 ~ 600 / 5 100 / 5	—	—	1P/5G	40/15	10 20	—	—	—	3' ry Winding Single Ratio
	RH65DRAT	400,200 ~ 600,300 / 5 100 / 5	—	—	1P/5G	40/15	10/5 20/10	—	—	—	3' ry Winding Double Ratio
2 Core CT											
Service	Type	Current Ratio (A)	JEC 1201			IEC 61869-2			Remark		
			Class	Burden	n >	Class	Burden	n >			
Metering & Protection	2RH65RA	400 ~ 1000 / 5 / 5	1.0/1P	40/40	10	1.0/5P 1.0/10P	30/30	10	Single Ratio		
		15/15		20	15/15		20				
	2RH65DRA	800 ~ 1000 / 5 / 5		40/40	20		30/30	20	Double Ratio		
		400,200 ~ 600,300 / 5 / 5		40/40	10/5		30/30	10/5			
	2RH65RAT	400 ~ 600 / 5 / 5 100 / 5	1.0/1P / 5G	40/40	10	—	—	—	3' ry Winding Single Ratio		
				15	10/5	—	—	—	3' ry Winding Double Ratio		

RH68A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RH68A	200 ~ 4000 / 5	0,5	15	—	—	—	0,5	15	—	Single Ratio
	RH68DA	400,200 ~ 4000,2000 / 5	1.0	40				1.0	30		Double Ratio
Protection	RH68RA	120 ~ 4000 / 5	—	—	1P	15	10	5P/10P	15	10	Single Ratio
		300 ~ 4000 / 5	—	—	1P	15	20	5P/10P	15	20	
			—	—	1P	40	10	5P/10P	30	10	
		600 ~ 4000 / 5	—	—	1P	40	20	5P/10P	30	20	
	RH68DRA	240,120 ~ 4000,2000 / 5	—	—	1P	15	10/5	5P/10P	15	10/5	Double Ratio
		300,150 ~ 4000,2000 / 5	—	—	1P	40	10/5	5P/10P	30	10/5	
		600,300 ~ 4000,2000 / 5	—	—	1P	40	20/10	5P/10P	30	20/10	
	RH68RAT	400 ~ 1000 / 5, 100 / 5	—	—	1P/5G	40/15	10	—	—	—	3' ry Winding Single Ratio
		600 ~ 1000 / 5, 100 / 5	—	—	1P/5G	40/15	20	—	—	—	3' ry Winding Single Ratio
RH68DRAT	400,200 ~ 1000,500 / 5, 100 / 5	—	—	1P/5G	40/15	10/5	—	—	—	3' ry Winding Double Ratio	
2 Core CT											
Service	Type	Current Ratio (A)	JEC 1201			IEC 61869-2			Remark		
			Class	Burden	n >	Class	Burden	n >			
Metering & Protection	2RH68RA	600 ~ 2000 / 5 / 5	1.0/1P	40/40	10	1.0/5P 1.0/10P	30/30	10	Single Ratio		
		15/15		20	15/15		20				
		1200 ~ 2000 / 5/ 5		40/40	20		30/30	20	Double Ratio		
	2RH68DRA	600,300 ~ 1000,500 / 5 / 5	40/40	10/5	30/30	10/5					
		15/15	20/10	15/15	20/10						
	2RH68RAT	600 ~ 1000 / 5 / 5 100 / 5	1.0/1P	40/40	10	—	—	—	3' ry Winding Single Ratio		
2RH68DRAT	600,300 ~ 1000,500 / 5 / 5 100 / 5	5G	15	10/5	—	—	—	3' ry Winding Double Ratio			

Current Transformer (7.2kV)

■ RH610A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RH610A	200 ~ 5000 / 5	0,5	15	—	—	—	0,5	15	—	Single Ratio
	RH610DA	400,200 ~ 5000,2500 / 5	1.0	40				1.0	30	—	Double Ratio
Protection	RH610RA	150 ~ 5000 / 5	—	—	1P	15	10	5P/10P	15	10	Single Ratio
		400 ~ 5000 / 5	—	—	1P	15	20	5P/10P	15	20	
			—	—	1P	40	10	5P/10P	30	10	
		750 ~ 5000 / 5	—	—	1P	40	20	5P/10P	30	20	
	RH610DRA	300,150 ~ 5000,2500 / 5	—	—	1P	15	10/5	5P/10P	15	10/5	Double Ratio
		400,200 ~ 5000,2500 / 5	—	—	1P	40	10/5	5P/10P	30	10/5	
		800,400 ~ 5000,2500 / 5	—	—	1P	40	20/10	5P/10P	30	20/10	
	RH610RAT	400 ~ 2500 / 5, 100 / 5	—	—	1P/5G	40/15	10	—	—	—	3' ry Winding Single Ratio
		750 ~ 2500 / 5, 100 / 5	—	—	1P/5G	40/15	20	—	—	—	
	RH610DRAT	400,200 ~ 2500,1250 / 5 100 / 5	—	—	1P/5G	40/15	10/5	—	—	—	3' ry Winding Double Ratio
		800,400 ~ 2500,1250 / 5 100 / 5	—	—	1P/5G	40/15	20/10	—	—	—	
	2 Core CT										
Service	Type	Current Ratio (A)	JEC 1201			IEC 61869-2			Remark		
			Class	Burden	n >	Class	Burden	n >			
Metering & Protection	2RH610RA	750 ~ 2500 / 5 / 5	1.0/1P	40/40	10	1.0/5P 1.0/10P	30/30	10	Single Ratio		
				15/15	20		15/15	20			
		1500 ~ 2500 / 5 / 5		40/40	20		30/30	20			
	2RH610DRA	800,400 ~ 2500,1250 / 5 / 5		40/40	10/5		30/30	10/5	Double Ratio		
				15/15	20/10		15/15	20/10			
	2RH610RAT	750 ~ 2500 / 5 / 5 100 / 5		1.0/1P / 5G	40/40 / 15	10	—	—	—	3' ry Winding Single Ratio	
	2RH610DRAT	800,400 ~ 2500,1250 / 5 / 5 100 / 5				10/5	—	—	—	3' ry Winding Double Ratio	

■ RH612A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RH612A	250 ~ 5000 / 5	0,5	15	—	—	—	0,5	15	—	Single Ratio
	RH612DA	500,250 ~ 5000,2500 / 5	1,0	40				1,0	30		Double Ratio
Protection	RH612RA	200 ~ 5000 / 5	—	—	1P	15	10	5P/10P	15	10	Single Ratio
		600 ~ 5000 / 5	—	—	1P	15	20	5P/10P	15	20	
			—	—	1P	40	10	5P/10P	30	10	
		1200 ~5000 / 5	—	—	1P	40	20	5P/10P	30	20	
	RH612DRA	300,150 ~ 5000,2500 / 5	—	—	1P	15	10/5	5P/10P	15	10/5	Double Ratio
		600,300 ~ 5000,2500 / 5	—	—	1P	40	10/5	5P/10P	30	10/5	
		1200,600 ~ 5000,2500 / 5	—	—	1P	40	20/10	5P/10P	30	20/10	
	RH612RAT	600 ~ 3000 / 5, 100 / 5	—	—	1P/5G	40/15	10	—	—	—	3' ry Winding Single Ratio
		1200 ~ 3000 / 5, 100 / 5	—	—	1P/5G	40/15	20	—	—	—	
	RH612DRAT	600,300 ~ 3000,1500 / 5 100 / 5	—	—	1P/5G	40/15	10/5	—	—	—	3' ry Winding Double Ratio
		1200,600 ~ 3000,1500 / 5 100 / 5	—	—	1P/5G	40/15	20/10	—	—	—	
2 Core CT											
Service	Type	Current Ratio (A)	JEC 1201			IEC 61869-2			Remark		
			Class	Burden	n >	Class	Burden	n >			
Metering & Protection	2RH612RA	1200 ~ 3000 / 5 / 5	1,0/1P	40/40	10	1,0/5P 1,0/10P	30/30	10	Single Ratio		
				15/15	20		15/15	20			
	2RH612DRA	1200,600 ~ 3000,1500 / 5 / 5		40/40	10/5		30/30	10/5	Double Ratio		
				15/15	20/10			15/15		20/10	
	2RH612RAT	1200 ~ 3000 / 5 / 5 100 / 5	1,0/1P / 5G	40/40 / 15	10	—	—	—	3' ry Winding Single Ratio		
	2RH612DRAT	1200,600 ~ 3000,1500 / 5 / 5 100 / 5			10/5	—	—	—	3' ry Winding Double Ratio		