

Current Transformer (12kV)



- 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	RV 6 □ A	
Standard	KS C 1706	IEC 61869-2
Max. Voltage	11.5 kV	12 kV
Insulation Level	11.5 / 28 / 75 kV (10 B)	12 / 28 / 75 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	RV 6 □ RA	
Standard	JEC 1201	IEC 61869-2
Max. Voltage	11.5 kV	12 kV
Insulation Level	11.5 / 28 / 75 kV	12 / 28 / 75 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.

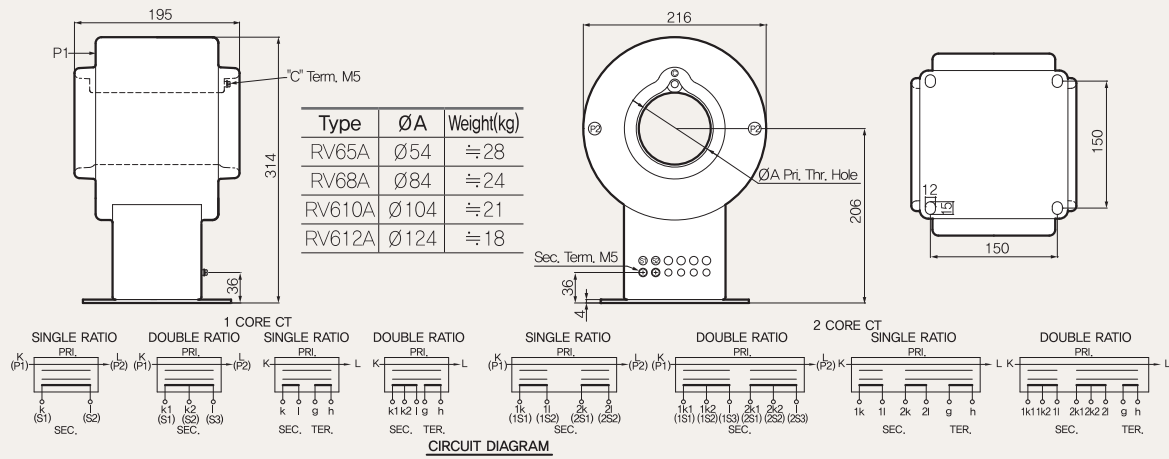
Can manufacture the products based on IEEE C 57.13 standards, and also Can manufacture the various products by change of specification, such as the Accuracy class, Burden and Over-current factor.

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

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

Dimension & Drawing

unit : mm



※ 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

Current Transformer (12kV)

■ Specification

■ RV65A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RV65A	150 ~ 2000 / 5	0.5	15	—	—	—	0.5	15	—	Single Ratio
	RV65DA	300,150 ~ 2000,1000 / 5	1.0	40				1.0	30		Double Ratio
Protection	RV65RA	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	
	RV65DRA	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	
	RV65RAT	400 ~ 600 / 5 100 / 5	—	—	1P/5G	40/15	20	—	—	—	3' ry Winding Single Ratio
RV65DRAT	400,200 ~ 600,300 / 5 100 / 5	—	—	1P/5G	40/15	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	2RV65RA	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				
		40/40		20	30/30		20				
	2RV65DRA	400,200 ~ 600,300 / 5 / 5	40/40	10/5	30/30	10/5	Double Ratio				
			15/15	20/10	15/15	20/10					
	2RV65RAT	400 ~ 600 / 5 / 5 100 / 5	1.0/1P	40/40	10	—	—	—	3' ry Winding Single Ratio		
2RV65DRAT	400,200 ~ 600,300 / 5 / 5 100 / 5	/ 5G 15		10/5	—	—	—	3' ry Winding Double Ratio			

■ RV68A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RV68A	200 ~ 4000 / 5	0,5	15	—	—	—	0,5	15	—	Single Ratio
	RV68DA	400,200 ~ 4000,2000 / 5	1,0	40				1,0	30		Double Ratio
Protection	RV68RA	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	
	RV68DRA	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	
	RV68RAT	400 ~ 1000 / 5, 100 / 5	—	—	1P/5G	40/15	10	—	—	—	3' ry Winding
		600 ~ 1000 / 5, 100 / 5	—	—	1P/5G	40/15	20	—	—	—	Single Ratio
	RV68DRAT	400,200 ~ 1000,500 / 5,100 / 5	—	—	1P/5G	40/15	10/5	—	—	—	3' ry Winding
	600,300 ~ 1000,500 / 5,100 / 5	—	—	1P/5G	40/15	20/10	—	—	—	Double Ratio	
2 Core CT											
Service	Type	Current Ratio (A)	JEC 1201			IEC 61869-2			Remark		
			Class	Burden	n >	Class	Burden	n >			
Metering & Protection	2RV68RA	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				
		40/40		20	30/30		20				
	2RV68DRA	600,300 ~ 1000,500 / 5 / 5	40/40	10/5	30/30	10/5	Double Ratio				
		15/15	20/10	15/15	20/10						
	2RV68RAT	600 ~ 1000 / 5 / 5 100 / 5	1,0/1P	40/40	10	—	—	—	3' ry Winding Single Ratio		
2RV68DRAT	600,300 ~ 1000,500 / 5 / 5 100 / 5	/ 5G	/ 15	10/5	—	—	—	3' ry Winding Double Ratio			

■ RV610A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RV610A	200 ~ 5000 / 5	0.5	15	—	—	—	0.5	15	—	Single Ratio
	RV610DA	400,200 ~ 5000,2500 / 5	1.0	40				1.0	30	—	Double Ratio
Protection	RV610RA	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	
	RV610DRA	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	
	RV610RAT	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	—	—	—	3' ry Winding Double Ratio
	RV610DRAT	400,200 ~ 2500,1250 / 5 100 / 5	—	—	1P/5G	40/15	10/5	—	—	—	
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	2RV610RA	750 ~ 2500 / 5 / 5	1.0/1P	40/40	10	1.0/5P	30/30	10	Single Ratio		
		15/15		20	15/15		20				
	1500 ~ 2500 / 5 / 5	40/40		20	30/30		20				
	2RV610DRA	800,400 ~ 2500,1250 / 5 / 5		40/40	10/5	1.0/10P	30/30	10/5	Double Ratio		
		15/15		20/10	15/15		20/10				
	2RV610RAT	750 ~ 2500 / 5 / 5 100 / 5	1.0/1P / 5G	40/40 / 15	10	—	—	—	3'ry Winding Single Ratio		
	2RV610DRAT	800,400 ~ 2500,1250 / 5 / 5 100 / 5			10/5	—	—	—	3' ry Winding Double Ratio		

■ RV612A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RV612A	250 ~ 5000 / 5	0.5	15	—	—	—	0.5	15	—	Single Ratio
	RV612DA	500,250 ~ 5000,2500 / 5	1.0	40				1.0	30	—	Double Ratio
Protection	RV612RA	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	
	RV612DRA	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	
	RV612RAT	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	—	—	—	
	RV612DRAT	600,300 ~ 3000,1500 / 5 100 / 5	—	—	1P/5G	40/15	10/5	—	—	—	3'ry Winding Double Ratio
1200,600 ~ 4000,2000 / 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	2RV612RA	1200 ~ 3000 / 5 / 5	1.0/1P	40/40	10	1.0/5P	30/30	10	Single Ratio		
	2RV612DRA	15/15		20	15/15		20				
		40/40		10/5	1.0/10P	30/30	10/5	Double Ratio			
		15/15		20/10		15/15	20/10				
	2RV612RAT	1200 ~ 3000 / 5 / 5 100 / 5	1.0/1P / 5G	40/40 / 15	10	—	—	—	3'ry Winding Single Ratio		
	2RV612DRAT	1200,600 ~ 3000,1500 / 5 / 5 100 / 5			10/5	—	—	—	3'ry Winding Double Ratio		