

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	RV7 □ 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	RV7 □ 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)	

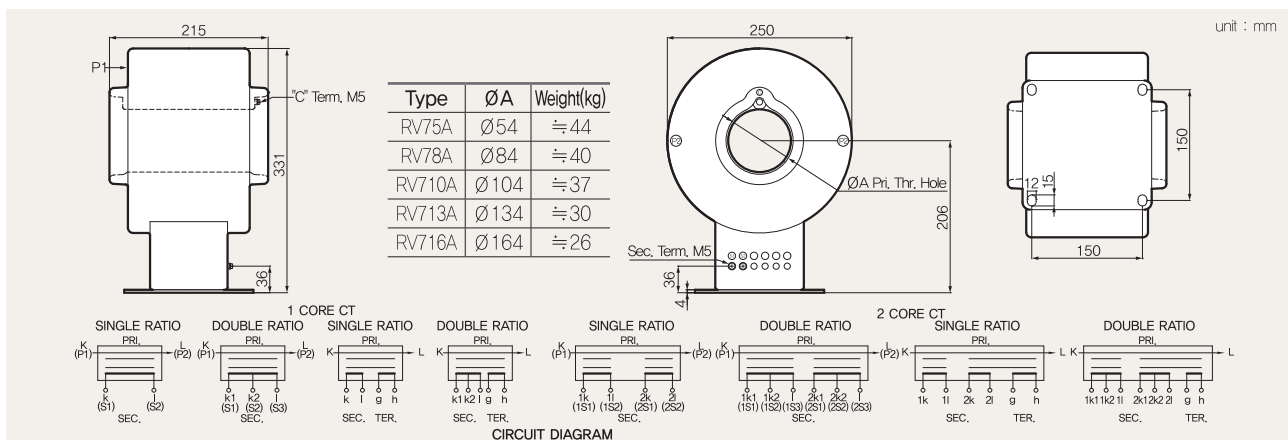
※ IEEE C 57.13 규격에 의한 제품의 생산이 가능하며, 계급, 부담, 과전류 정수 등의 사양변경에 따라 다양한 생산도 가능합니다.

Can manufacture the products based on IEEE C 5713 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.

■ 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

RV75A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RV75A	100 ~ 2000 / 5	0.5	15	—	—	—	0.5	15	—	Single Ratio
	RV75DA	200,100 ~ 2000,1000 / 5	1.0	40	—	—	—	1.0	30	—	Double Ratio
Protection	RV75RA	75 ~ 2000 / 5	—	—	1P	15	10	5P/10P	15	10	Single Ratio
		100 ~ 2000 / 5	—	—	1P	15	20	5P/10P	15	20	
			—	—	1P	40	10	5P/10P	30	10	
		200 ~ 2000 / 5	—	—	1P	40	20	5P/10P	30	20	
	RV75DRA	150,75 ~ 2000,1000 / 5	—	—	1P	15	10/5	5P/10P	15	10/5	Double Ratio
		200,100 ~ 2000,1000 / 5	—	—	1P	40	10/5	5P/10P	30	10/5	
			—	—	1P	15	20/10	5P/10P	15	20/10	
			—	—	1P	40	20/10	5P/10P	30	20/10	
	RV75RAT	400 ~ 600 / 5 100 / 5	—	—	1P/5G	40/15	10 20	—	—	—	3'ry Winding Single Ratio
	RV75DRAT	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	2RV75RA	200 ~ 1000 / 5 / 5	1.0/1P	40/40	10	1.0/5P 1.0/10P	30/30	10	Single Ratio		
		400 ~ 1000 / 5 / 5		15/15	20		15/15	20			
				40/40	20		30/30	20			
	2RV75DRA	300,150 ~ 1000,500 / 5 / 5		40/40	10/5		30/30	10/5	Double Ratio		
		400,200 ~ 1000,500 / 5 / 5		15/15	20/10		15/15	20/10			
				40/40	20/10		30/30	20/10			
	2RV75RAT	400 ~ 600 / 5 / 5, 100 / 5	1.0/1P / 5G	40/40 / 15	10	—	—	—	3'ry Winding Single Ratio		
		750 ~ 1000 / 5 / 5, 100 / 5			20						
	2RV75DRAT	400,200 ~ 1000,500 / 5 / 5, 100 / 5			10/5	—	—	—	3'ry Winding Double Ratio		
800,400 ~ 1000,500 / 5 / 5, 100 / 5		20/10									

Current Transformer (12kV)

■ Specification

■ RV78A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RV78A	150 ~ 4000 / 5	0.5	15	—	—	—	0.5	15	—	Single Ratio
	RV78DA	300,150 ~ 4000,2000 / 5	1.0	40				1.0	30	—	Double Ratio
Protection	RV78RA	100 ~ 4000 / 5	—	—	1P	15	10	5P/10P	15	10	Single Ratio
		150 ~ 4000 / 5	—	—	1P	15	20	5P/10P	15	20	
			—	—	1P	40	10	5P/10P	30	10	
			300 ~ 4000 / 5	—	—	1P	40	20	5P/10P	30	
	RV78DRA	200,100 ~ 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	
			—	—	1P	40	20/10	5P/10P	30	20/10	
			—	—	1P	40	20/10	5P/10P	30	20/10	
	RV78RAT	400 ~ 1000 / 5 100 / 5	—	—	1P/5G	40/15	10	—	—	—	3' ry Winding Single Ratio
	RV78DRAT	400,200 ~ 1000,500 / 5 100 / 5	—	—	1P/5G	40/15	10/5	—	—	—	3' ry Winding Double Ratio
20/10							—	—	—		
2 Core CT											
Service	Type	Current Ratio (A)	JEC 1201			IEC 61869-2			Remark		
			Class	Burden	n >	Class	Burden	n >			
Metering & Protection	2RV78RA	300 ~ 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		
		600 ~ 2000 / 5 / 5			40/40	20		30/30	20		
	2RV78DRA	400,200 ~ 1000,500 / 5 / 5			40/40	10/5		30/30	10/5	Double Ratio	
					15/15	20/10		15/15	20/10		
		600,300 ~ 1000,500 / 5 / 5			40/40	20/10		30/30	20/10		
	2RV78RAT	400 ~ 1000 / 5 / 5, 100 / 5	1.0/1P / 5G	40/40 / 15	10	—	—	—	3' ry Winding Single Ratio		
		600 ~ 1000 / 5 / 5, 100 / 5			20						
	2RV78DRAT	400,200 ~ 1000,500 / 5 / 5, 100 / 5			10/5				3' ry Winding Double Ratio		
		600,300 ~ 1000,500 / 5 / 5, 100 / 5			20/10						

■ RV710A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RV710A	200 ~ 5000 / 5	0.5	15	—	—	—	0.5	15	—	Single Ratio
	RV710DA	400,200 ~ 5000,2500 / 5	1.0	40	—	—	—	1.0	30	—	Double Ratio
Protection	RV710RA	120 ~ 5000 / 5	—	—	1P	15	10	5P/10P	15	10	Single Ratio
		200 ~ 5000 / 5	—	—	1P	15	20	5P/10P	15	20	
		400 ~ 5000 / 5	—	—	1P	40	10	5P/10P	30	10	
	RV710DRA	240,120 ~ 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	
		—	—	1P	40	20/10	5P/10P	30	20/10		
	RV710RAT	400 ~ 2500 / 5, 100 / 5	—	—	1P/5G	40/15	10 20	—	—	—	3' ry Winding Single Ratio
	RV710DRAT	400,200 ~ 2500,1250 / 5, 100 / 5	—	—	1P/5G	40/15	10/5	—	—	—	3' ry Winding Double Ratio
		500,250 ~ 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	2RV710RA	600 ~ 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		
		1200 ~ 2500 / 5 / 5			40/40	20		30/30	20		
	2RV710DRA	600,300 ~ 2500,1250 / 5 / 5			40/40	10/5		30/30	10/5	Double Ratio	
					15/15	20/10		15/15	20/10		
		1200,600 ~ 2500,1250 / 5 / 5			40/40	20/10		30/30	20/10		
	2RV710RAT	600 ~ 2500 / 5 / 5, 100 / 5	1.0/1P / 5G		40/40 / 15	10	—	—	—	3' ry Winding Single Ratio	
		1200 ~ 2500 / 5, 100 / 5				20					
	2RV710DRAT	600,300 ~ 2500,1250 / 5 / 5, 100 / 5				10/5				3' ry Winding Double Ratio	
1200,600 ~ 2500,1250 / 5 / 5, 100 / 5		20/10									

RV713A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RV713A	250 ~ 5000 / 5	0.5	15	—	—	—	0.5	15	—	Single Ratio
	RV713DA	500,250 ~ 5000,2500 / 5	1.0	40	—	—	—	1.0	30	—	Double Ratio
Protection	RV713RA	150 ~ 5000 / 5	—	—	1P	15	10	5P/10P	15	10	Single Ratio
		250 ~ 5000 / 5	—	—	1P	15	20	5P/10P	15	20	
			—	—	1P	40	10	5P/10P	30	10	
		500 ~ 5000 / 5	—	—	1P	40	20	5P/10P	30	20	Double Ratio
	RV713DRA	240,120 ~ 5000,2500 / 5	—	—	1P	15	10/5	5P/10P	15	10/5	
		500,250 ~ 5000,2500 / 5	—	—	1P	40	10/5	5P/10P	30	10/5	
			—	—	1P	40	20/10	5P/10P	30	20/10	
	RV713RAT	500 ~ 4000 / 5, 100 / 5	—	—	1P/5G	40/15	10 20	—	—	—	3' ry Winding Single Ratio
	RV713DRAT	500,250 ~ 4000,2000 / 5 100 / 5	—	—	1P/5G	40/15	10/5	—	—	—	3' ry Winding Double Ratio
		800,400 ~ 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	2RV713RA	750 ~ 4000 / 5 / 5	1.0/1P	40/40	10	1.0/5P	30/30	10	Single Ratio			
		2500 ~ 4000 / 5 / 5		15/15	20		15/15	20				
				40/40	20		30/30	20				
	2RV713DRA	800,400 ~ 4000,2000 / 5 / 5		40/40	10/5		1.0/10P	30/30	10/5	Double Ratio		
		2500,1250 ~ 4000,2000 / 5 / 5		15/15	20/10			15/15	20/10			
				40/40	20/10			30/30	20/10			
	2RV713RAT	750 ~ 4000 / 5 / 5, 100 / 5	1.0/1P / 5G	40/40 / 15	10	—	—	—	3'ry Winding Single Ratio			
		2500 ~ 4000 / 5 / 5, 100 / 5			20							
	2RV713DRAT	800,400 ~ 4000,2000 / 5 / 5, 100 / 5			10/5				—	—	—	3'ry Winding Double Ratio
		2500,1250 ~ 4000,2000 / 5 / 5, 100 / 5			20/10							

RV716A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RV716A	300 ~ 5000 / 5	0.5	15	—	—	—	0.5	15	—	Single Ratio
	RV716DA	600,300 ~ 5000,2500 / 5	1.0	40	—	—	—	1.0	30	—	Double Ratio
Protection	RV716RA	200 ~ 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	
		1000 ~ 5000 / 5	—	—	1P	40	20	5P/10P	30	20	Double Ratio
	RV716DRA	400,200 ~ 5000,2500 / 5	—	—	1P	15	10/5	5P/10P	15	10/5	
		600,300 ~ 5000,2500 / 5	—	—	1P	40	10/5	5P/10P	30	10/5	
		1000,500 ~ 5000,2500 / 5	—	—	1P	40	20/10	5P/10P	30	20/10	