

Current Transformer (25.8kV)



- 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	RE 7 □ A	
Standard	KS C 1706	IEC 61869-2
Max. Voltage	25.8 kV	24 kV
Insulation Level	25.8 / 50 / 125 kV (20 B)	24 / 50 / 125 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	RE 7 □ RA	
Standard	JEC 1201	IEC 61869-2
Max. Voltage	23 kV	24 kV
Insulation Level	23 / 50 / 125 kV	24 / 50 / 125 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)	

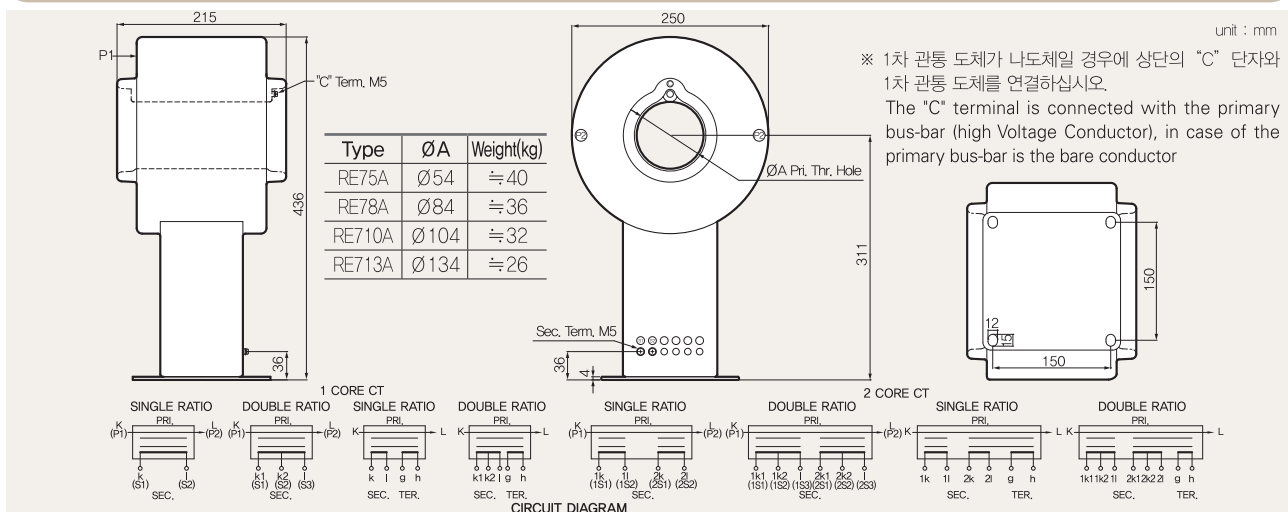
※ IEEE C 57.13 규격에 의한 제품의 생산이 가능하며, 계급, 부담, 과전류 정수 등의 사양변경에 따라 다양한 생산도 가능합니다.

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



Specification

RE75A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark	
			Class	Burden	Class	Burden	n >	Class	Burden	n >		
Metering	RE75A	120 ~ 1000 / 5	0.5	15	—	—	—	0.5	15	—	Single Ratio	
	RE75DA	240,120 ~ 2000,1000 / 5	1.0	40	—	—	—	1.0	30	—	Double Ratio	
Protection	RE75RA	100 ~ 1000 / 5	—	—	1P	15	10	5P/10P	15	10	Single Ratio	
		150 ~ 1000 / 5	—	—	1P	15	20	5P/10P	15	20		
			—	—	1P	40	10	5P/10P	30	10		
		300 ~ 1000 / 5	—	—	1P	40	20	5P/10P	30	20		
	RE75DRA	200,100 ~ 2000,1000 / 5	—	—	1P	15	10/5	5P/10P	15	10/5	Double Ratio	
		240,120 ~ 2000,1000 / 5	—	—	1P	15	20/10	5P/10P	15	20/10		
			—	—	1P	40	10/5	5P/10P	30	10/5		
		300,150 ~ 2000,1000 / 5	—	—	1P	40	20/10	5P/10P	30	20/10		
	RE75RAT	400 ~ 600 / 5 100 / 5	—	—	1P/5G	40/15	10 20	—	—	—	3' ry Winding Single Ratio	
	RE75DRAT	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	2RE75RA	400 ~ 750 / 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					
	2RE75DRA	400,200 ~ 600,300 / 5 / 5		40/40	10/5		30/30	10/5	Double Ratio			
		800,400 ~ 1000,500 / 5 / 5		15/15	20/10		15/15	20/10				
				40/40	20/10		30/30	20/10				
	2RE75RAT	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							
	2RE75DRAT	400,200 ~ 600,300 / 5 / 5, 100 / 5			10/5				—	—	—	3' ry Winding Double Ratio
		800,400 ~ 1000,500 / 5 / 5, 100 / 5			20/10							

Current Transformer (25.8kV)

■ Specification

■ RE78A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RE78A	120 ~ 4000 / 5	0,5	15	—	—	—	0,5	15	—	Single Ratio
	RE78DA	400,200 ~ 4000,2000 / 5	1.0	40				1.0	30		Double Ratio
Protection	RE78RA	120 ~ 2000 / 5	—	—	1P	15	10	5P/10P	15	10	Single Ratio
		250 ~ 2000 / 5	—	—	1P	15	20	5P/10P	15	20	
			—	—	1P	40	10	5P/10P	30	10	
		500 ~ 2000 / 5	—	—	1P	40	20	5P/10P	30	20	
	RE78DRA	240,120 ~ 4000,2000 / 5	—	—	1P	15	10/5	5P/10P	15	10/5	Double Ratio
		400,200 ~ 4000,2000 / 5	—	—	1P	40	10/5	5P/10P	30	10/5	
		500,250 ~ 4000,2000 / 5	—	—	1P	40	20/10	5P/10P	30	20/10	
	RE78RAT	400,1000 / 5, 100 / 5	—	—	1P/5G	40/15	10	—	—	—	3' ry Winding Single Ratio
		500,1000 / 5, 100 / 5					20	—	—	—	
	RE78DRAT	400, 200 ~ 1000, 500 / 5 100 / 5	—	—	1P/5G	40/15	10/5	—	—	—	3' ry Winding Double Ratio
600,300 ~ 1000,500 / 5 100 / 5		20/10									
2 Core CT											
Service	Type	Current Ratio (A)	JEC 1201			IEC 61869-2			Remark		
			Class	Burden	n >	Class	Burden	n >			
Metering & Protection	2RE78RA	600 ~ 1000 / 5 / 5	1.0/1P	40/40	10	1.0/5P 1.0/10P	30/30	10	Single Ratio		
		800 ~ 2000 / 5 / 5		15/15	20		15/15	20			
				40/40	20		30/30	20			
	2RE78DRA	500,250 ~ 1000,500 / 5 / 5		40/40	10/5		30/30	10/5	Double Ratio		
		800,400 ~ 1000,500 / 5 / 5		15/15	20/10		15/15	20/10			
				40/40	20/10		30/30	20/10			
	2RE78RAT	600 ~ 1000 / 5 / 5, 100 / 5	1.0/1P / 5G	40/40 / 15	10	—	—	—	3' ry Winding Single Ratio		
		800 ~ 2000 / 5 / 5, 100 / 5			20						
	2RE78DRAT	500,250 ~ 1000,500 / 5 / 5, 100 / 5			10/5	—	—	—	3' ry Winding Double Ratio		
		800,400 ~ 1000,500 / 5 / 5, 100 / 5			20/10						

■ RE710A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RE710A	200 ~ 4000 / 5	0.5	15	—	—	—	0.5	15	—	Single Ratio
	RE710DA	400,200 ~ 5000,2500 / 5	1.0	40				1.0	30	—	Double Ratio
Protection	RE710RA	150 ~ 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	
	RE710DRA	300,150 ~ 5000,2500 / 5	—	—	1P	15	10/5	5P/10P	15	10/5	Double Ratio
		400,200 ~ 5000,2500 / 5	—	—	1P	15	20/10	5P/10P	15	20/10	
		600,300 ~ 5000,2500 / 5	—	—	1P	40	10/5	5P/10P	30	10/5	
	RE710RAT	400 ~ 2500 / 5, 100 / 5	—	—	1P/5G	40/15	10	—	—	—	3'ry Winding Single Ratio
		600 ~ 2500 / 5, 100 / 5					20				
	RE710DRAT	400,200 ~ 2400,1200 / 5, 100 / 5	—	—	1P/5G	40/15	10/5	—	—	—	3'ry Winding Double Ratio
600,300 ~ 2000,1000 / 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	2RE710RA	750 ~ 4000 / 5 / 5	1.0/1P	40/40	10	1.0/5P 1.0/10P	30/30	10	Single Ratio		
		1000 ~ 4000 / 5 / 5		15/15	20		15/15	20			
				40/40	20		30/30	20			
	2RE710DRA	600,300 ~ 4000,2000 / 5 / 5		40/40	10/5		30/30	10/5	Double Ratio		
		1200,600 ~ 4000,2000 / 5 / 5		15/15	20/10		15/15	20/10			
	2RE710RAT	800 ~ 2500/ 5 / 5, 100 / 5	1.0/1P / 5G	40/40 / 15	10	—	—	—	3'ry Winding Single Ratio		
		1000 ~ 4000/ 5 / 5, 100 / 5			20						
	2RE710DRAT	600,300 ~ 2000,1000 / 5 / 5, 100 / 5			10/5				3'ry Winding Double Ratio		
		1200,600 ~ 2000,1000 / 5 / 5, 100 / 5			20/10						

■ RE713A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RE713A	250 ~ 5000 / 5	0,5	15	—	—	—	0,5	15	—	Single Ratio
	RE713DA	500,250 ~ 5000,2500 / 5	1,0	40	—	—	—	1,0	30	—	Double Ratio
Protection	RE713RA	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	
	RE713DRA	400,200 ~ 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	
			—	—	1P	15	20/10	5P/10P	15	20/10	
	1200,600 ~ 5000,2500 / 5	—	—	1P	40	20/10	5P/10P	30	20/10		
		RE713RAT	600 ~ 4000 / 5, 100 / 5	—	—	1P/5G	40/15	10	—	—	—
	1200 ~ 4000 / 5, 100 / 5		20								
RE713DRAT	600,300 ~ 4000,2000 / 5, 100 / 5	—	—	1P/5G	40/15	10/5	—	—	—	3'ry Winding Double Ratio	
	1200,600 ~ 4000,2000 / 5, 100 / 5					20/10					
2 Core CT											
Service	Type	Current Ratio (A)	JEC 1201			IEC 61869-2			Remark		
			Class	Burden	n >	Class	Burden	n >			
Metering & Protection	2RE713RA	1000 ~ 3000 / 5 / 5	1,0/1P	40/40	10	1,0/5P	30/30	10	Single Ratio		
				15/15	20		15/15	20			
	2RE713DRA	1000,500 ~ 3000,1500 / 5 / 5		40/40	10/5	1,0/10P	30/30	10/5	Double Ratio		
				15/15	20/10		15/15	20/10			