

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	RH7□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	RH7□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.

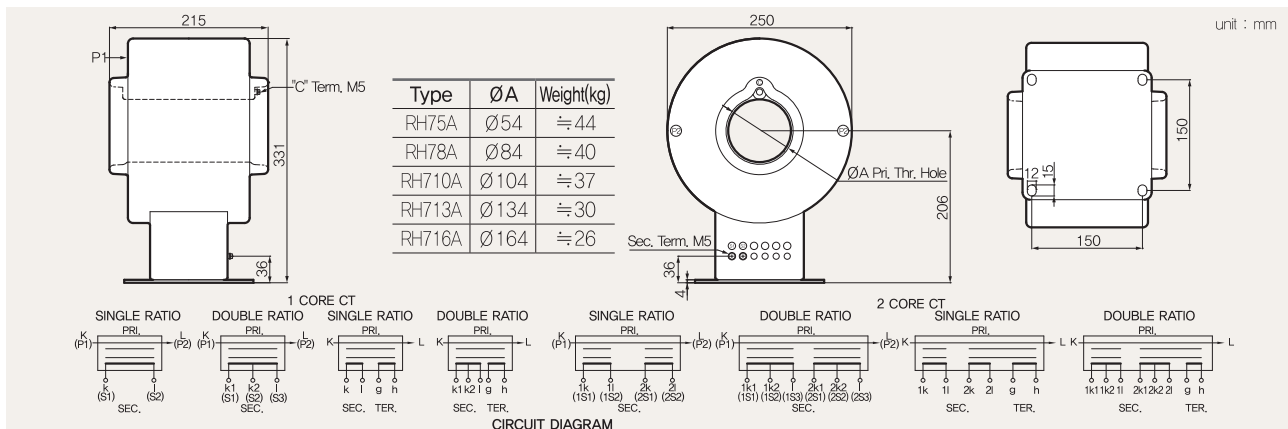
※ 단시간 과전류값은 2차측에 정격 부담의 25% 부담을 접속한 상태에서의 보증치 입니다.

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 RL7□□A로 주문 하시길 바랍니다.

Can be manufactured the VT for low voltage of 0.23~1.2kV. To order the RL7□□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

RH75A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RH75A	100 ~ 2000 / 5	0.5	15	—	—	—	0.5	15	—	Single Ratio
	RH75DA	200,100 ~ 2000,1000 / 5	1.0	40				1.0	30		Double Ratio
Protection	RH75RA	75 ~ 2000 / 5	—	—	1P	15	10	5P/10P	15	10	Single Ratio
		100 ~ 2000 / 5	—	—	1P	15	20	5P/10P	15	20	
		200 ~ 2000 / 5	—	—	1P	40	10	5P/10P	30	10	
	RH75DRA	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	
	RH75RAT	400 ~ 600 / 5 100 / 5	—	—	1P/5G	40/15	10 20	—	—	—	3'ry Winding Single Ratio.
	RH75DRAT	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	2RH75RA	200 ~ 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	
	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	
	2RH75RAT	400 ~ 600 / 5 / 5, 100 / 5	1.0/1P / 5G	40/40	10 20	—	—	—	3'ry Winding Single Ratio		
		750 ~ 1000 / 5 / 5, 100 / 5									
	2RH75DRAT	400,200 ~ 1000,500 / 5 / 5, 100 / 5		15	10/5	—	—	—	3'ry Winding Double Ratio		
800,400 ~ 1000,500 / 5 / 5, 100 / 5			20/10								

RH78A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RH78A	150 ~ 4000 / 5	0.5	15	—	—	—	0.5	15	—	Single Ratio
	RH78DA	300,150 ~ 4000,2000 / 5	1.0	40				1.0	30		Double Ratio
Protection	RH78RA	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	
	RH78DRA	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	
		300,150 ~ 4000,2000 / 5	—	—	1P	40	20/10	5P/10P	30	20/10	
	RH78RAT	400 ~ 1000 / 5 100 / 5	—	—	1P/5G	40/15	10 20	—	—	—	3'ry Winding Single Ratio
	RH78DRAT	400,200 ~ 1000,500 / 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	2RH78RA	300 ~ 2000 / 5 / 5	1.0/1P	40/40	10	1.0/5P 1.0/10P	30/30	10	Single Ratio		
		15/15			20						
		40/40			20						
	40/40	10/5			30/30			10/5			
	15/15	20/10			15/15			20/10			
	40/40	20/10			30/30			20/10			
	2RH78DRA	400,200 ~ 1000,500 / 5 / 5	1.0/1P / 5G	40/40 / 15	10	—	—	—	3'ry Winding Single Ratio		
		600,300 ~ 1000,500 / 5 / 5			20						
	400 ~ 1000 / 5 / 5, 100 / 5	10/5			—					—	—
600 ~ 1000 / 5 / 5, 100 / 5	20/10										
400,200 ~ 1000,500 / 5 / 5, 100 / 5	20/10										
600,300 ~ 1000,500 / 5 / 5, 100 / 5											

Current Transformer (7.2kV)

■ RH710A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RH710A	200 ~ 5000 / 5	0.5	15	—	—	—	0.5	15	—	Single Ratio
	RH710DA	400,200 ~ 5000,2500 / 5	1.0	40				1.0	30	—	Double Ratio
Protection	RH710RA	120 ~ 5000 / 5	—	—	1P	15	10	5P/10P	15	10	Single Ratio
		200 ~ 5000 / 5	—	—	1P	15	20	5P/10P	15	20	
			—	—	1P	40	10	5P/10P	30	10	
		400 ~ 5000 / 5	—	—	1P	40	20	5P/10P	30	20	
	RH710DRA	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	
	RH710RAT	400 ~ 2500 / 5, 100 / 5	—	—	1P/5G	40/15	10 20	—	—	—	3' ry Winding Single Ratio
	RH710DRAT	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	2RH710RA	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				
		40/40		20	30/30		20				
	2RH710DRA	600,300 ~ 2500,1250 / 5 / 5		40/40	10/5		30/30	10/5	Double Ratio		
		1200,600 ~ 2500,1250 / 5 / 5		15/15	20/10		15/15	20/10			
				40/40	20/10		30/30	20/10			
	2RH710RAT	600 ~ 2500/ 5 / 5, 100 / 5	1.0/1P / 5G	40/40 / 15	10	—	—	—	3' ry Winding Single Ratio		
		1200 ~ 2500/ 5 / 5, 100 / 5			20						
	2RH710DRAT	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						

■ RH713A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RH713A	250 ~ 5000 / 5	0.5	15	—	—	—	0.5	15	—	Single Ratio
	RH713DA	500,250 ~ 5000,2500 / 5	1.0	40	—	—	—	1.0	30	—	Double Ratio
Protection	RH713RA	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	
	RH713DRA	240,120 ~ 5000,2500 / 5	—	—	1P	15	10/5	5P/10P	15	10/5	Double Ratio
		500,250 ~ 5000,2500 / 5	—	—	1P	40	10/5	5P/10P	30	10/5	
			—	—	1P	40	20/10	5P/10P	30	20/10	
	RH713RAT	500 ~ 4000 / 5, 100 / 5	—	—	1P/5G	40/15	10 20	—	—	—	3' ry Winding Single Ratio
	RH713DRAT	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	2RH713RA	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			
	2RH713DRA	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		
	2RH713RAT	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						
	2RH713DRAT	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						

■ RH716A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RH716A	300 ~ 5000 / 5	0.5	15	—	—	—	0.5	15	—	Single Ratio
	RH716DA	600,300 ~ 5000,2500 / 5	1.0	40	—	—	—	1.0	30	—	Double Ratio
Protection	RH716RA	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
	RH716DRA	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	