

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 5 □ 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 5 □ 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)	

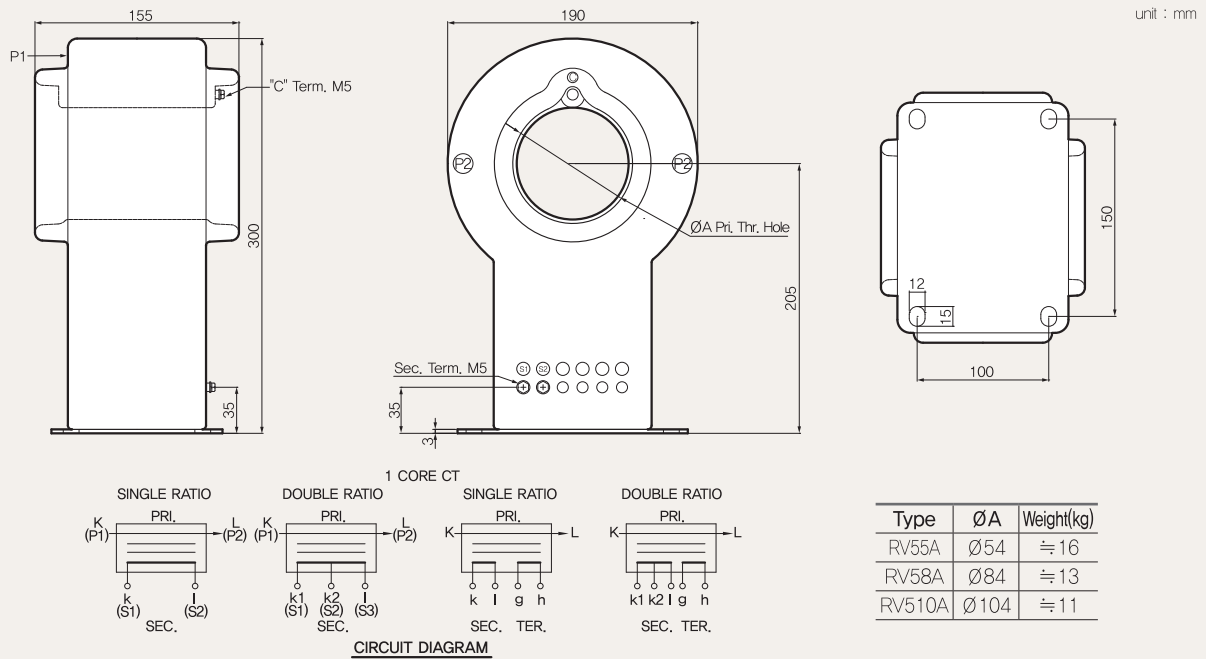
※ IEEE C 57.13 규격에 의한 제품의 생산이 가능하며, 계급, 부담, 과전류 정수 등의 사양변경에 따라 다양한 생산도 가능합니다.

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



※ 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

■ RV55A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RV55A	150 ~ 2000 / 5	0.5	15	—	—	—	0.5	15	—	Single Ratio
	RV55DA	300,150 ~ 2000,1000 / 5	1.0	40	—	—	—	1.0	30	—	Double Ratio
Protection	RV55RA	120 ~ 2000 / 5	—	—	1P	15	10	5P/10P	15	10	Single Ratio
		300 ~ 2000 / 5	—	—	1P	40	10	5P/10P	30	10	
			—	—	1P	15	20	5P/10P	15	20	
	RV55DRA	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	
			—	—	1P	15	20/10	5P/10P	15	20/10	
	RV55RAT	400 ~ 600 / 5 100 / 5	—	—	1P/5G	40/15	10	—	—	—	3' ry Winding Single Ratio
	RV55DRAT	400,200 ~ 600,300 / 5 100 / 5	—	—	1P/5G	40/15	10/5	—	—	—	3' ry Winding Double Ratio

■ RV58A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RV58A	250 ~ 3000 / 5	0.5	15	—	—	—	0.5	15	—	Single Ratio
	RV58DA	500,250 ~ 3000,1500 / 5	1.0	40	—	—	—	1.0	30	—	Double Ratio
Protection	RV58RA	250 ~ 3000 / 5	—	—	1P	15	10	5P/10P	15	10	Single Ratio
		600 ~ 3000 / 5	—	—	1P	40	10	5P/10P	30	10	
			—	—	1P	15	20	5P/10P	15	20	
	RV58DRA	300,150 ~ 3000,1500 / 5	—	—	1P	15	10/5	5P/10P	15	10/5	Double Ratio
		600,300 ~ 3000,1500 / 5	—	—	1P	40	10/5	5P/10P	30	10/5	
			—	—	1P	15	20/10	5P/10P	15	20/10	
	RV58RAT	750 ~ 1000 / 5 100 / 5	—	—	1P/5G	40/15	10	—	—	—	3' ry Winding Single Ratio
	RV58DRAT	800,400 ~ 1000,500 / 5 100 / 5	—	—	1P/5G	40/15	10/5	—	—	—	3' ry Winding Double Ratio

■ RV510A Series

Service	Type	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2			Remark
			Class	Burden	Class	Burden	n >	Class	Burden	n >	
Metering	RV510A	400 ~ 3000 / 5	0.5	15	—	—	—	0.5	15	—	Single Ratio
	RV510DA	800,400 ~ 3000,1500 / 5	1.0	40	—	—	—	1.0	30	—	Double Ratio
Protection	RV510RA	400 ~ 3000 / 5	—	—	1P	15	10	5P/10P	15	10	Single Ratio
		1200 ~ 2500 / 5	—	—	1P	40	10	5P/10P	30	10	
			—	—	1P	15	20	5P/10P	15	20	
	RV510DRA	400,200 ~ 3000,1500 / 5	—	—	1P	15	10/5	5P/10P	15	10/5	Double Ratio
		1200,600 ~ 2500,1250 / 5	—	—	1P	40	10/5	5P/10P	30	10/5	
			—	—	1P	15	20/10	5P/10P	15	20/10	