

Current Transformer (12kV)



- 옥내용 (For Indoor)
- 권선형 (Winding Type)
- 일반 계기 및 보호 계전기용 (For Metering & Protection)
- Epoxy Mold로 절연특성 강화
(Insulation : Epoxy Vacuum Molding)

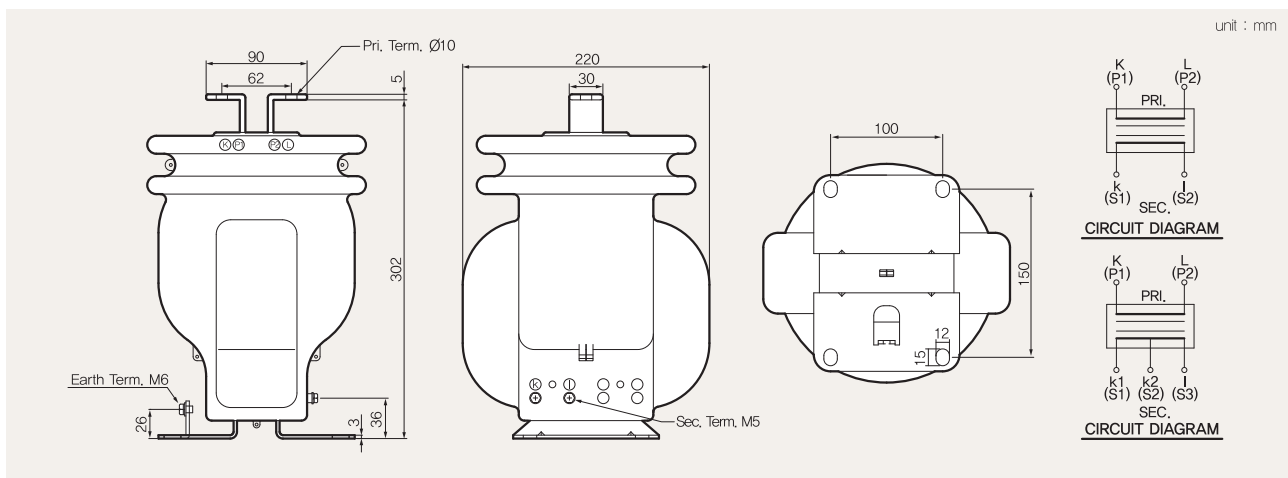
■ For Metering

Type	W V 8 or W V 8 D	
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	12.5 kA / 1 sec.	
Rated Primary Current	300A or 300 / 150A 이하	
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)	
Weight	≒ 19 kg	

■ For Protection

Type	W V 8 R or W V 8 D R	
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	12.5 kA / 1 sec.	
Rated Primary Current	300A or 300 / 150A 이하	
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)	
Weight	≒ 19 kg	

■ Dimension & Drawing



Specification

Service	Type	Short time Current	Current Ratio (A)	KS C 1706		JEC 1201			IEC 61869-2									
				Class	Burden	Class	Burden	n >	Class	Burden	n >							
Metering	WV8 (1 Core Single Ratio)	40 In	5 ~ 300 / 5	0.5	15	—	—	—	0.5	15	—							
		75 In	5 ~ 250 / 5															
		150 In	5 ~ 120 / 5															
		300 In	5 ~ 60 / 5	1.0	40				1.0	30								
		8 kA	20 ~ 300 / 5															
		12,5 kA	25 ~ 300 / 5															
	WV8D (1 Core Double Ratio)	40 In	10,5 ~ 300,150 / 5	0.5	15	—	—	—	0.5	15	—							
		75 In	10,5 ~ 240,120 / 5															
		150 In	10,5 ~ 120,60 / 5															
		300 In	10,5 ~ 60,30 / 5	1.0	40				1.0	30								
		8 kA	40,20 ~ 300,150 / 5															
		12,5 kA	50,25 ~ 300,150 / 5															
Protection	WV8R (1 Core Single Ratio)	40 In	5 ~ 300 / 5	—	—	1P	15	10	5P	15	10							
		75 In	5 ~ 250 / 5															
		150 In	5 ~ 120 / 5															
		300 In	5 ~ 60 / 5															
		8 kA	20 ~ 300 / 5															
		12,5 kA	25 ~ 300 / 5															
		40 In	5 ~ 300 / 5	—	—	1P	15	20	5P	15	20							
		75 In	5 ~ 250 / 5															
		150 In	5 ~ 120 / 5															
		8 kA	40 ~ 300 / 5															
		12,5 kA	50 ~ 300 / 5															
		40 In	5 ~ 300 / 5						—			—	1P	40	20	5P	30	20
	75 In	5 ~ 250 / 5																
	8 kA	80 ~ 300 / 5																
	12,5 kA	100 ~ 300 / 5																
	WV8DR (1 Core Double Ratio)	40 In	10,5 ~ 300,150 / 5	—	—	1P	15	10/5		5P	15					10/5		
		75 In	10,5 ~ 240,120 / 5															
		150 In	10,5 ~ 120,60 / 5															
300 In		10,5 ~ 60,30 / 5																
8 kA		40,20 ~ 300,150 / 5																
12,5 kA		50,25 ~ 300,150 / 5																
40 In		10,5 ~ 300,150 / 5	—	—	1P	15	20/10	5P	15	20/10								
75 In		10,5 ~ 240,120 / 5																
150 In		10,5 ~ 120,60 / 5																
8 kA		80,40 ~ 300,150 / 5																
12,5 kA		100,50 ~ 300,150 / 5																
40 In		10,5 ~ 300,150 / 5						—			—	1P	40	20/10	5P	30	20/10	
75 In	10,5 ~ 300,150 / 5																	
8 kA	160,80 ~ 300,150 / 5																	
12,5 kA	200,100 ~ 300,150 / 5																	

※ 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.