

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)

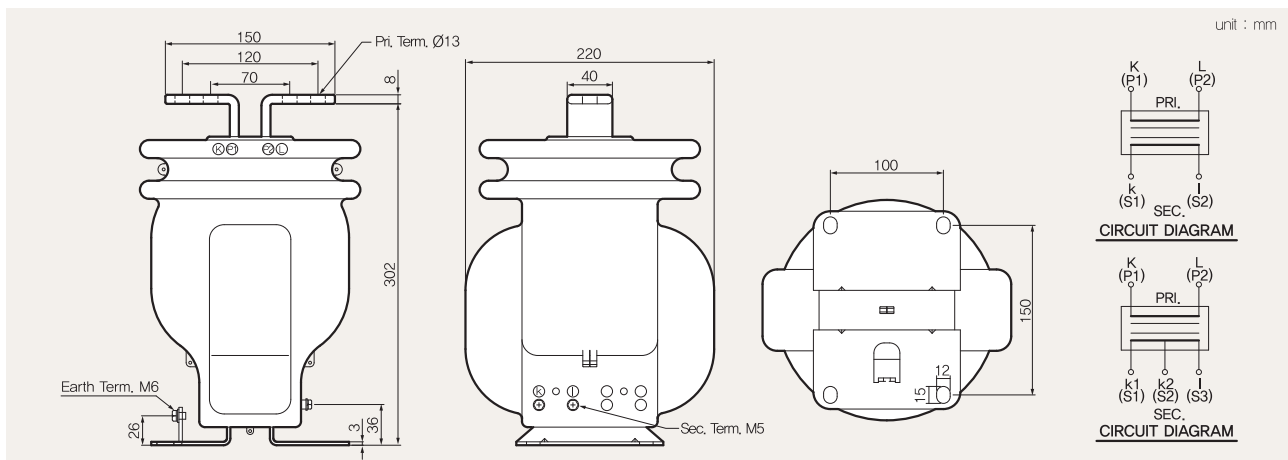
■ For Metering

Type	WV8B or WV8DB	
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 kA / 1 sec.	
Rated Primary Current	800 A or 800 / 400A 0 하	
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	WV8RB or WV8DRB	
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 kA / 1 sec.	
Rated Primary Current	800 A or 800 / 400A 0 하	
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	WV8B (1 Core Single Ratio)	40 In	400 ~ 800 / 5	0.5	15	—	—	—	0.5	15	—
		75 In	300 ~ 500 / 5								
		150 In	150 ~ 250 / 5								
		300 In	75 ~ 120 / 5								
		8 kA	400 ~ 800 / 5	1.0	40	—	—	—	1.0	30	—
		12.5 kA	400 ~ 800 / 5								
		25 kA	50 ~ 800 / 5								
		31.5 kA	60 ~ 800 / 5								
	WV8DB (1 Core Double Ratio)	40 kA	75 ~ 800 / 5	0.5	15	—	—	—	0.5	15	—
		40 In	400,200 ~ 800,400 / 5								
		75 In	300,150 ~ 500,250 / 5								
		150 In	150,75 ~ 250,125 / 5								
		300 In	80,40 ~ 120,60 / 5	1.0	40	—	—	—	1.0	30	—
		8 kA	400,200 ~ 800,400 / 5								
		12.5 kA	400,200 ~ 800,400 / 5								
		25 kA	100,50 ~ 800,400 / 5								
Protection	WV8RB (1 Core Single Ratio)	31.5 kA	120,60 ~ 800,400 / 5	—	—	1P	15	10	5P	15	10
		40 kA	150,75 ~ 800,400 / 5								
		40 In	400 ~ 800 / 5								
		75 In	300 ~ 500 / 5								
		150 In	150 ~ 250 / 5	—	—	1P	15	20	5P	15	20
		300 In	75 ~ 120 / 5								
		8 kA	400 ~ 800 / 5								
		12.5 kA	400 ~ 800 / 5								
		25 kA	100 ~ 800 / 5	—	—	1P	40	10	10P	30	10
		31.5 kA	120 ~ 800 / 5								
		40 kA	150 ~ 800 / 5								
		40 In	400 ~ 800 / 5	—	—	1P	40	20	5P	30	20
		75 In	300 ~ 500 / 5								
		150 In	150 ~ 250 / 5								
		300 In	75 ~ 120 / 5								
	WV8DRB (1 Core Double Ratio)	8 kA	400 ~ 800 / 5	—	—	1P	15	10/5	5P	15	10/5
		12.5 kA	400,200 ~ 800,400 / 5								
		25 kA	100,50 ~ 800,400 / 5								
		31.5 kA	120,60 ~ 800,400 / 5								
		40 kA	150,75 ~ 800,400 / 5	—	—	1P	15	20/10	5P	15	20/10
		40 In	400,200 ~ 800,400 / 5								
		75 In	300,150 ~ 500,250 / 5								
		150 In	150,75 ~ 250,125 / 5								
		300 In	80,40 ~ 120,60 / 5	—	—	1P	40	10/5	10P	30	10/5
		8 kA	400,200 ~ 800,400 / 5								
		12.5 kA	400,200 ~ 800,400 / 5								
		25 kA	100,50 ~ 800,400 / 5								
		31.5 kA	120,60 ~ 800,400 / 5	—	—	1P	40	20/10	5P	30	20/10
		40 kA	150,75 ~ 800,400 / 5								
		40 In	400,200 ~ 800,400 / 5								
		75 In	300,150 ~ 500,250 / 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 보증치 입니다.

Short time current being subject to 25% rated burden connection at secondary side for all ratios.