

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)

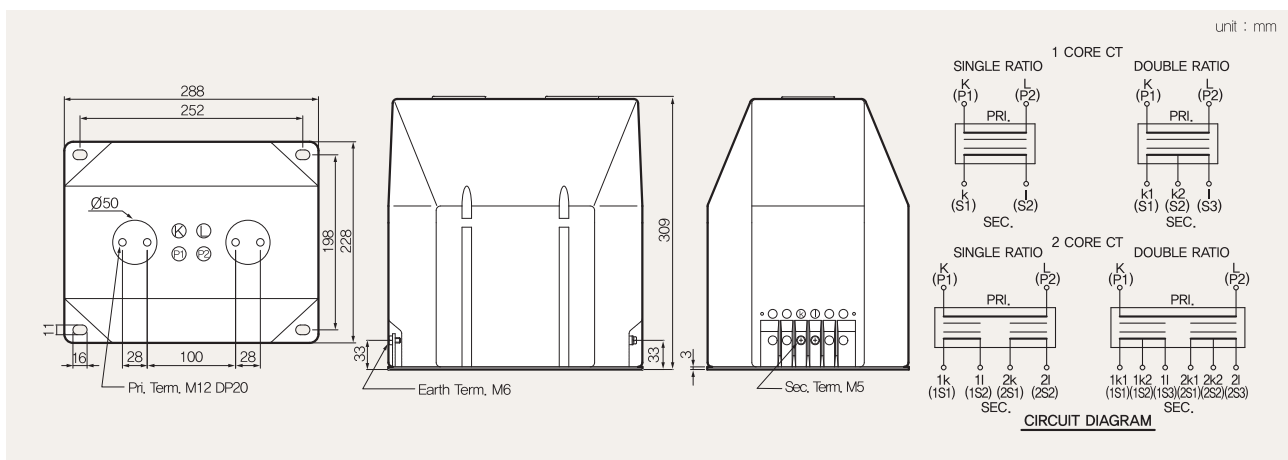
■ For Metering

Type	W V 10 or W V 10 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	40 kA / 1 sec.	
Rated Primary Current	800 A or 800 / 400A 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	≒ 54 kg	

■ For Protection

Type	W V 10 R or W V 10 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	40 kA / 1 sec.	
Rated Primary Current	800 A or 800 / 400A 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	≒ 54 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	WV10 (1 Core Single Ratio)	300 In	5 ~ 120 / 5	0.5	15	—	—	—	0.5	15	—		
		8 kA	10 ~ 800 / 5										
		12.5 kA	15 ~ 800 / 5										
		25 kA	25 ~ 800 / 5	1.0	40				1.0	30			
		31.5 kA	40 ~ 800 / 5										
		40 kA	50 ~ 800 / 5										
	WV10D (1 Core Double Ratio)	300 In	10,5 ~ 120,60 / 5	0.5	15	—	—	—	0.5	15	—		
		8 kA	20,10 ~ 800,400 / 5										
		12.5 kA	30,15 ~ 800,400 / 5										
		25 kA	50,25 ~ 800,400 / 5	1.0	40				1.0	30			
		31.5 kA	80,40 ~ 800,400 / 5										
		40 kA	100,50 ~ 800,400 / 5										
Protection	WV10R (1 Core Single Ratio)	300 In	5 ~ 120 / 5	—	—	1P	15	10	5P	15	10		
		8 kA	10 ~ 800 / 5										
		12.5 kA	15 ~ 800 / 5						10P	15		10	
		25 kA	25 ~ 800 / 5										
		31.5 kA	40 ~ 800 / 5										
		40 kA	50 ~ 800 / 5	—	—	1P	15	20	5P	15	20		
		300 In	5 ~ 120 / 5										
		8 kA	15 ~ 800 / 5						10P	30		10	
		12.5 kA	15 ~ 800 / 5										
		25 kA	30 ~ 800 / 5										
	WV10DR (1 Core Double Ratio)	31.5 kA	40 ~ 800 / 5	—	—	1P	40	10	10P	30	10		
		40 kA	50 ~ 800 / 5										
		300 In	10,5 ~ 120,60 / 5						10P	30		10/5	
		8 kA	30,15 ~ 800,400 / 5										
		12.5 kA	30,15 ~ 800,400 / 5										
		25 kA	60,30 ~ 800,400 / 5	—	—	1P	40	20/10	5P	30	20/10		
		31.5 kA	80,40 ~ 800,400 / 5										
		40 kA	100,50 ~ 800,400 / 5						10P	30		20/10	
		300 In	10,5 ~ 120,60 / 5										
		8 kA	30,15 ~ 800,400 / 5										
Metering & Protection	2WV10R (2 Core Single Ratio)	12.5 kA	30,15 ~ 800,400 / 5	—	—	1P	15/15	10	1.0/5P	15/15	10		
		25 kA	40 ~ 800 / 5 / 5										
		31.5 kA	50 ~ 800 / 5 / 5						1.0/10P	15/15		10	
		40 kA	60 ~ 800 / 5 / 5										
		300 In	5 ~ 120 / 5 / 5										—
		8 kA	20 ~ 800 / 5 / 5	1.0/5P	15/15	20							
		12.5 kA	25 ~ 800 / 5 / 5										
		25 kA	40 ~ 800 / 5 / 5	1.0/10P	30/30	10							
		31.5 kA	50 ~ 800 / 5 / 5										
		40 kA	60 ~ 800 / 5 / 5										
		2WV10R (2 Core Single Ratio)	300 In	10 ~ 120 / 5 / 5	—	—	1P	40/40	20	1.0/5P	30/30	20	
			8 kA	40 ~ 800 / 5 / 5									
			12.5 kA	50 ~ 800 / 5 / 5						1.0/10P	30/30		20
			25 kA	75 ~ 800 / 5 / 5									
			31.5 kA	100 ~ 800 / 5 / 5									
			40 kA	120 ~ 800 / 5 / 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.