

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)

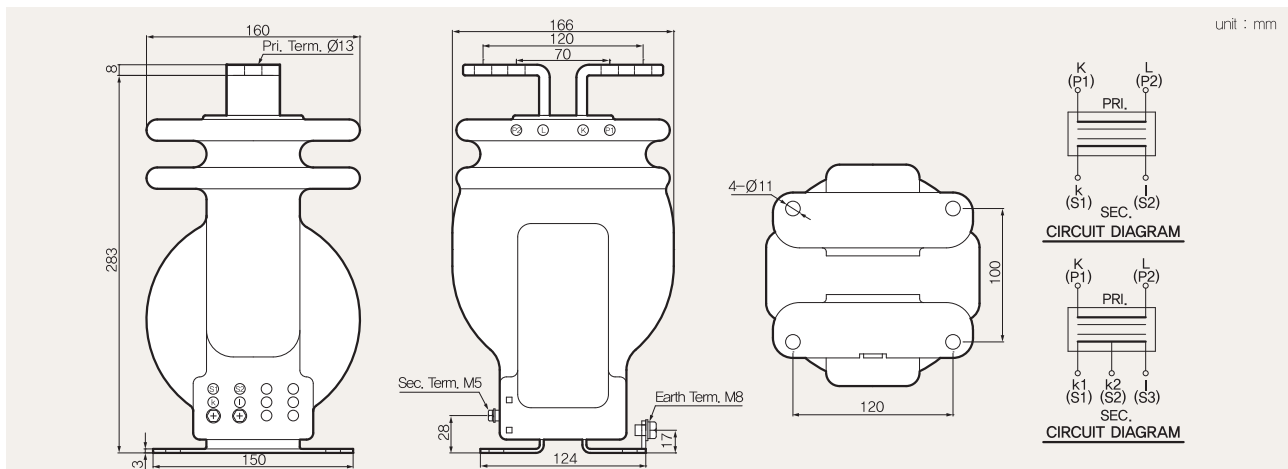
■ For Metering

Type	WV7BA or WV7DBA	
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 / 400 A 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	≒ 12kg	

■ For Protection

Type	WV7RBA or WV7DRBA	
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 / 400 A 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	≒ 12kg	

■ 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	WV7BA (1 Core Single Ratio)	40 In	400 ~ 800 / 5	0.5	15	—	—	—	0.5	15	—
		75 In	300 ~ 500 / 5								
		150 In	150 ~ 200 / 5								
		8 kA	400 ~ 800 / 5								
		12.5 kA	400 ~ 800 / 5	1.0	40	—	—	—	1.0	30	—
		25 kA	150 ~ 800 / 5								
		31.5 kA	300 ~ 800 / 5								
		40 kA	400 ~ 800 / 5								
	WV7DBA (1 Core Double Ratio)	40 In	400,200~ 800,400 / 5	0.5	15	—	—	—	0.5	15	—
		75 In	300,150 ~ 500,250 / 5								
		8 kA	400,200 ~ 800,400 / 5								
		12.5 kA	400,200 ~ 800,400 / 5								
		25 kA	300,150 ~ 800,400 / 5	1.0	40	—	—	—	1.0	30	—
		31.5 kA	600,300 ~ 800,400 / 5								
40 kA	800,400 / 5										
Protection	WV7RBA (1 Core Single Ratio)	40 In	400 ~ 800 / 5	—	—	1P	15	10	5P 10P	15	10
		75 In	300 ~ 500 / 5								
		8 kA	400 ~ 800 / 5								
		12.5 kA	400 ~ 800 / 5								
		25 kA	150 ~ 800 / 5								
		31.5 kA	300 ~ 800 / 5								
		40 kA	400 ~ 800 / 5								
		40 In	400 ~ 800 / 5	—	—	1P	15	20	5P 10P	15 30	20 10
		75 In	300 ~ 400 / 5								
		8 kA	400 ~ 800 / 5								
		12.5 kA	400 ~ 800 / 5								
		25 kA	300 ~ 800 / 5								
		31.5 kA	500 ~ 800 / 5								
		40 kA	750 ~ 800 / 5								
		40 In	600 ~ 750 / 5	—	—	1P	40	20	5P 10P	30	20
		8 kA	600 ~ 750 / 5								
		12.5 kA	600 ~ 750 / 5								
		25 kA	600 ~ 750 / 5								
	31.5 kA	750 / 5									
	40 In	400,200 ~ 800,400 / 5	—								
	75 In	300,150 ~ 400,200 / 5									
	8 kA	400,200 ~ 800,400 / 5									
	12.5 kA	400,200 ~ 800,400 / 5									
	25 kA	300,150 ~ 800,400 / 5									
	40 In	400,200 ~ 600,300 / 5									
	8 kA	400,200 ~ 600,300 / 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.