

Current Transformer (25.8kV)



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

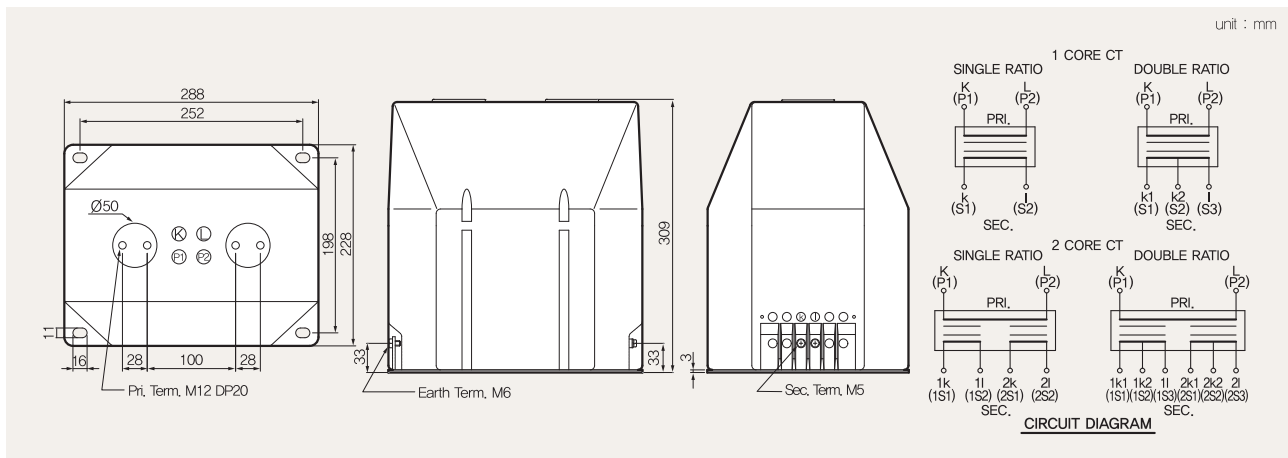
For Metering

Type	WE 10 or WE 10 D	
Standard	KS C 1706	IEC 61869-2
Max. Voltage	25.8 kV	24 kV
Insulation Level	25.8 / 50 / 125 kV (20 B)	24 / 50 / 125 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	≒ 54 kg	

For Protection

Type	WE 10 R or WE 10 DR	
Standard	JEC 1201	IEC 61869-2
Max. Voltage	23 kV	24 kV
Insulation Level	23 / 50 / 125 kV	24 / 50 / 125 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	≒ 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	WE10 (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	1.0	40	—	—	—	1.0	30	—							
		25 kA	25 ~ 800 / 5															
		31,5 kA	40 ~ 800 / 5															
	40 kA	50 ~ 800 / 5	WE10D (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		1.0	40	—	—	—	1.0	30	—							
	25 kA	50,25 ~ 800,400 / 5																
	31,5 kA	80,40 ~ 800,400 / 5																
40 kA	100,50 ~ 800,400 / 5	Protection	WE10R (1 Core Single Ratio)	300 In	5 ~ 120 / 5	—	—	1P	15	10	5P 10P	15	10					
8 kA	10 ~ 800 / 5																	
12,5 kA	15 ~ 800 / 5																	
25 kA	25 ~ 800 / 5																	
31,5 kA	40 ~ 800 / 5																	
40 kA	50 ~ 800 / 5		—	—	1P	15	20	5P 10P	15	20								
300 In	5 ~ 120 / 5																	
8 kA	15 ~ 800 / 5																	
12,5 kA	15 ~ 800 / 5																	
25 kA	30 ~ 800 / 5																	
31,5 kA	40 ~ 800 / 5		—	—	1P	40	10	10P	30	10								
40 kA	50 ~ 800 / 5																	
300 In	5 ~ 120 / 5										—	—	1P	40	20	5P 10P	30	20
8 kA	25 ~ 800 / 5																	
12,5 kA	30 ~ 800 / 5																	
25 kA	50 ~ 800 / 5																	
31,5 kA	60 ~ 800 / 5																	
40 kA	75 ~ 800 / 5		WE10DR (1 Core Double Ratio)	300 In	10,5 ~ 120,60 / 5	—	—	1P	40	10/5	5P 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																	
31,5 kA	80,40 ~ 800,400 / 5																	
40 kA	100,50 ~ 800,400 / 5	—		—	1P	40	20/10	5P 10P	30	20/10								
300 In	10,5 ~ 120,60 / 5																	
8 kA	30,15 ~ 800,400 / 5																	
12,5 kA	30,15 ~ 800,400 / 5																	
25 kA	60,30 ~ 800,400 / 5																	
31,5 kA	80,40 ~ 800,400 / 5	Metering & Protection	2WE10R (2 Core Single Ratio)	40 kA	100,50 ~ 800,400 / 5	—	—	1P	15/15	10	1.0/5P 1.0/10P	15/15	10					
300 In	5 ~ 120 / 5 / 5																	
8 kA	20 ~ 800 / 5 / 5																	
12,5 kA	25 ~ 800 / 5 / 5																	
25 kA	40 ~ 800 / 5 / 5																	
31,5 kA	50 ~ 800 / 5 / 5			—	—	1P	15/15	20	1.0/5P	15/15	20							
40 kA	60 ~ 800 / 5 / 5																	
300 In	5 ~ 120 / 5 / 5																	
8 kA	20 ~ 800 / 5 / 5																	
12,5 kA	25 ~ 800 / 5 / 5																	
25 kA	40 ~ 800 / 5 / 5	—	—	1P	40/40	10	1.0/10P	30/30	10									
31,5 kA	50 ~ 800 / 5 / 5																	
40 kA	60 ~ 800 / 5 / 5																	
300 In	10 ~ 120 / 5 / 5																	
8 kA	40 ~ 800 / 5 / 5																	
12,5 kA	50 ~ 800 / 5 / 5	—	—	1P	40/40	20	5P 10P	30/30	20									
25 kA	75 ~ 800 / 5 / 5																	
31,5 kA	100 ~ 800 / 5 / 5																	
40 kA	120 ~ 800 / 5 / 5																	
300 In	10 ~ 120 / 5 / 5																	

※ IEEE C 57.13 규격에 의한 제품의 생산이 가능하며, 계급, 부당, 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.