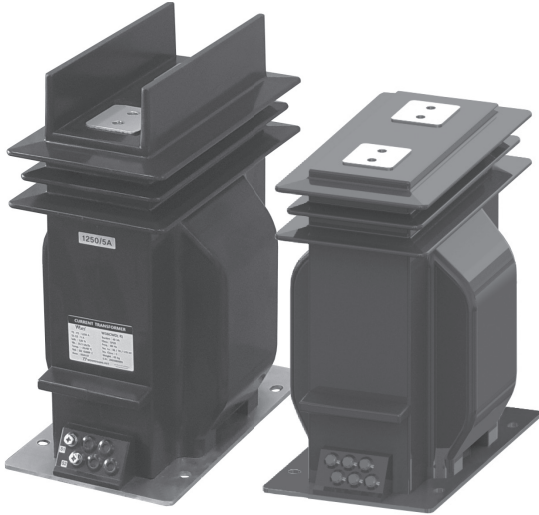


WINDING TYPE (권선형) CURRENT TRANSFORMER

24~36kV (10~3200A / 75In~25kA)

W36CWD(R) / W36CWD



EPOXY RESIN CASTING CURRENT TRANSFORMERS for highest voltage of equipment up to 36kV

W36CWD(R)/W36CWD 변류기는 최고 회로전압 36kV급 절연성능으로 설계되어진 옥내용 에폭시몰드 제품으로 그 이하 전압(17.5kV, 24kV) 제품에 대해서는 동일한 치수(DIMENSION)를 가진다. 본 제품은 소형경량의 Compact한 변류기 구조를 가짐으로서, 설치공간이 협소한 표준배전반에 매우 적합한 제품이다. 또한 1core 및 2 core 단일 비 또는 다중 비 형태의 제품으로 설계 및 제작이 가능하다.

The W36CWD(R)/W36CWD current transformer is an indoor epoxy resin cast product designed in a maximum circuit voltage 36kV-class insulation performance, and the less voltage(17.5kV, 24kV) product has the same dimensions. This product has a miniature light-weight compact structure to be very suitable for standard switchboards installed in a narrow space. In addition, this can be designed and fabricated in a single or multiple ratio type such as 1 core and 2 cores.

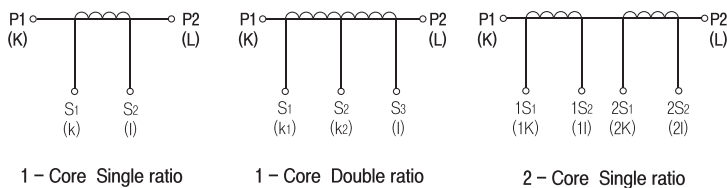
● Feature

규격 Standard	IEC - KS C - JEC
설계 및 적용 Design and Application	계기 및 보호용 Designed for measuring and/or protection
사용조건 Service condition	옥내 Valid for indoor service
작업공정 Working process	- 자동진공주형방식 Automatic vacuum casting method - APG방식 Automatic Pressure Gelation method

● Electrical characteristic

ITEM	MODEL		
	W36CWD(R) / W36CWD		
Highest voltage for equipment (Um)	17,5kV	24kV	36kV
Rated power-frequency withstand voltage (60sec)	38kV	50kV	70kV
Rated lighting impulse withstand voltage (1,2/50μs)full wave	95kV	125kV	170kV
Rated frequency	50 / 60Hz		
Rated primary current(Ipr)	5 to 3200A		
Rated secondary current(Isr)	5 or 1A		
Rated continuous thermal current	120%		
Rated short-time thermal current Ith (1sec)	25kA		
Rated dynamic current Idyn (2,5×Ith)	62,5kA		
Insulation class (according to 60085)	E		
Standard	According to customer requirements		
Weight (approx.)	45kg		

● Connection Diagram



WINDING TYPE (권선형) CURRENT TRANSFORMER



고압계기용변성기

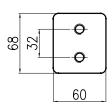
24~36kV (10~3200A / 75In~25kA)

● Specification

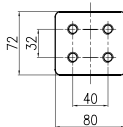
ITEM	Rated short time current	Current Ratio	Service	61869-2			IEEE C57.13			KSC 1706		
				Burden	Accuracy Class	Over Current Factor	Burden	Accuracy Class	Over Current Factor	Burden	Accuracy Class	Over Current Factor
Single Ratio CT	75In	10/5A~600/5A	Metering	15VA	0.5 1.0	FS5, 10	12.5VA (B-0.5)	0.6 1.2	-	15VA	0.5 1.0	-
				30VA	1.0	FS5, 10	22.5VA (B-0.9)	0.6 1.2	-	25VA	0.5 1.0	-
				45VA (B-1.8)	1.2	-	40VA	1.0	-			
	12.5kA	50/5A~1250/5A	Protection	15VA	5P 10P	20	25VA (B-1)	T-100	-	15VA	1P	n)20
				30VA	5P 10P	10	25VA (B-1)	T-100	-	25VA	1P	n)10
				40VA	1P	n)10	60VA	1P	n)5			
25kA	100/5A~1250/5A	Protection	15VA	5P 10P	20	25VA (B-1)	T-100	-	15VA	1P	n)20/10	
			30VA	5P 10P	10	25VA (B-1)	T-100	-	25VA	1P	n)10/5	
			40VA	1P	n)10/5	60VA	1P	n)5/-				
2-core Single Ratio CT	75In	20/5-5A~600/5-5A	Metering	15VA	0.5 1.0	FS5, 10	12.5VA (B-0.5)	0.6 1.2	-	15VA	0.2 0.5 1.0	-
				30VA	1.0	FS5, 10	22.5VA (B-0.9)	0.6 1.2	-	25VA	0.5 1.0	-
				45VA (B-1.8)	1.2	-	40VA	1.0	-			
	12.5kA	100/5-5A~1250/5-5A	Protection	15VA	5P 10P	20	25VA (B-1)	T-100	-	15VA	1P	n)20/10
				30VA	5P 10P	10	25VA (B-1)	T-100	-	25VA	1P	n)10/5
				40VA	1P	n)10/5	60VA	1P	n)5/-			
25kA	200/5-5A~1250/5-5A	Protection	15VA	5P 10P	20	25VA (B-1)	T-100	-	15VA	1P	n)20/10	
			30VA	5P 10P	10	25VA (B-1)	T-100	-	25VA	1P	n)10/5	
			40VA	1P	n)10/5	60VA	1P	n)5/-				

● Dimension

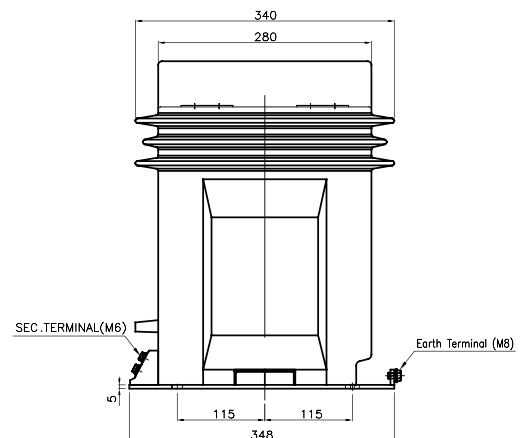
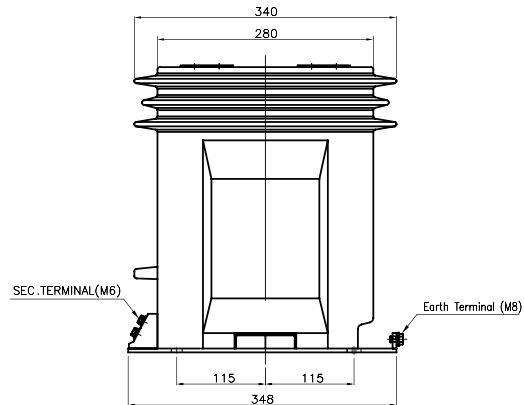
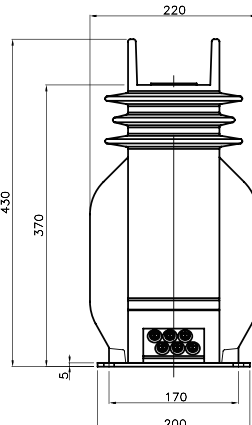
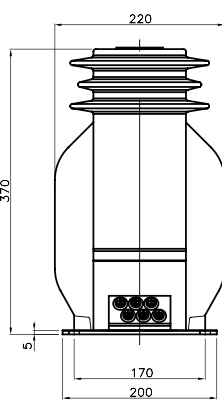
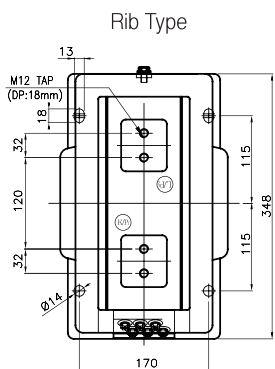
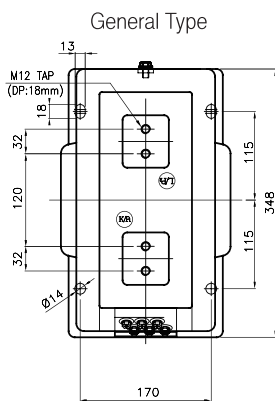
* Primary Terminal



Rated primary current ≤ 1250A
Rated short-time thermal current ≤ 40(100)kA/1s
Material : Copper (C1100)



Rated primary current ≤ 3200A
Rated short-time thermal current ≤ 70(175)kA/1s
Material : Copper (C1100)



HV/CT 고압변류기
HV/VT-MOF 고압변압기
LV/CT 저압변류기
LV/VT 저압변압기
RELA 보호계전기
ELD 누전경보기
GFR 지락계전기
ZCT 영압변류기
METER 지시계기
SPD 서지보호기
SHUNT 셉트