

POST BUSBAR TYPE (부스바 관통형) CURRENT TRANSFORMER

24~36kV (1000~4000A / 100In)

W36CPA



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

W36CPA 변류기는 최고 회로전압 36kV급 절연성능으로 설계되어진 옥내용 에폭시물드 제품으로 그 이하 전압(24kV) 제품에 대해서는 동일한 치수(DIMENSION)를 가진다. 본 제품은 설치공간이 협소한 고압배전반에 매우 적합한 제품이다. 또한 1core 및 2 core, 3core 의 단일 비 또는 다중 비 형태의 제품으로 설계 및 제작이 가능합니다.

The W36CPA current transformer is an indoor epoxy resin cast product designed in a maximum circuit voltage 36kV-class insulation performance, and the less voltage(24kV) product has the same dimensions. This product is 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, 2 cores and 3cores.

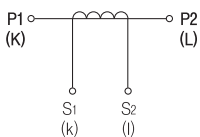
● Feature

규격 Standard	IEC - IEEE - KS
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

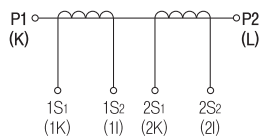
● Electrical characteristic

ITEM	MODEL	
	W36CPA	
Highest voltage for equipment (Um)	24kV	36kV
Rated power-frequency withstand voltage (60sec)	50kV	70kV
Rated lightning impulse withstand voltage (1.2/50μs)full wave	125kV	170kV
Rated frequency	50 / 60Hz	
Rated primary current(Ipr)	1000 to 4000A	
Rated secondary current(Isr)	5 or 1A	
Rated continuous thermal current	120%	
Rated short-time thermal current Ith (1sec)	40kA	
Rated dynamic current Idyn (2.5×Ith)	100kA	
Insulation class (according to 60085)	E	
Standard	According to customer requirements	
Weight (approx.)	30kg	

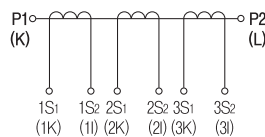
● Connection Diagram



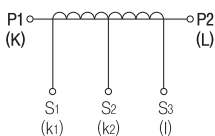
1 - Core Single ratio



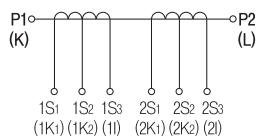
2 - Core Single ratio



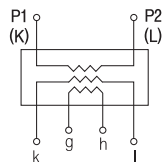
3 - Core Single ratio



1 - Core Double ratio



2 - Core Double ratio



1 - Core 3rd winding

POST BUSBAR TYPE (부스바 관통형) CURRENT TRANSFORMER



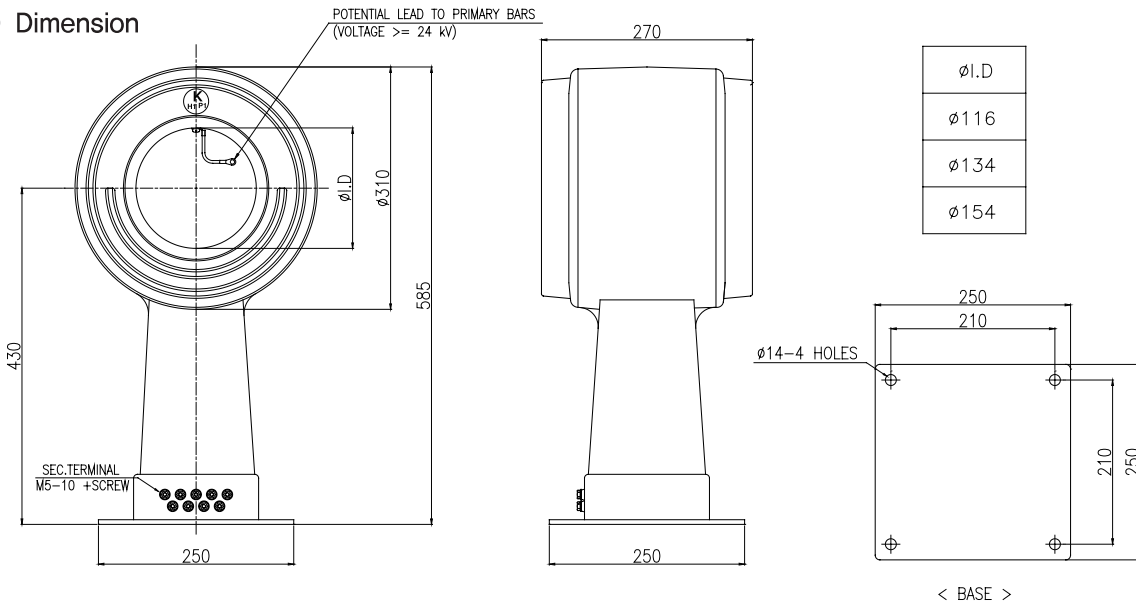
고압계기용변성기

24~36kV (1000~4000A / 100In)

● Specification

ITEM	Rated short time current	Current Ratio	Service	IEC 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
36C-PA 1-Core Single Ratio CT	100In	1000/5A~1500/5A	Metering	15VA 30VA	1.0 1.0	FS10 FS10	12.5VA (B-0.5) 22.5VA (B-0.9) 45VA (B-1.8)	0.6,1.2 0.6,1.2 1.2	-	15VA 25VA 40VA	0.5,1.0 0.5,1.0 1.0	-
		1600/5A~2500/5A		Protection	15VA 30VA	5P,10P 5P,10P	30 20	25VA (B-1) 50VA (B-2)	C-100 C-200	-	15VA 25VA 40VA	1P 1P 1P
		3000/5A~4000/5A										
36C-PA 1-Core Double Ratio CT	100In	1500~750/5A	Metering	15VA 30VA	0.5,1.0 0.5,1.0	FS10 FS10	12.5VA (B-0.5) 22.5VA (B-0.9) 45VA (B-1.8)	0.6,1.2 0.6,1.2 1.2	-	15VA 25VA 40VA	0.5,1.0 1.0 1.0	-
		1600~800/5A~2500~1250/5A		Protection	15VA 30VA	5P,10P 5P,10P	30 20	25VA (B-1) 50VA (B-2)	C-100 C-200	-	15VA 25VA 40VA	1P 1P 1P
		3000~1500/5A~4000~2000/5A										
36C-PA 2-Core Single Ratio CT	100In	1000/5~5A~2000/5~5A	Metering (1st core)	15VA 30VA	0.5,1.0 0.5,1.0	FS10 FS10	12.5VA (B-0.5) 22.5VA (B-0.9)	1.2 1.2	-	15VA 25VA 40VA	1.0 1.0 1.0	-
		2500/5~5A~4000/5~5A	Protection (2nd core)	15VA 30VA	5P,10P 5P,10P	30 20	25VA (B-1)	C-100	-	15VA 25VA 40VA	1P 1P 1P	n)30 n)20 n)20
36C-PA 3-Core Single Ratio CT	100In	1500/5~5~5A~2000/5~5~5A	Metering (1st core)	15VA 30VA	0.5,1.0 0.5,1.0	FS10 FS10	12.5VA (B-0.5) 22.5VA (B-0.9)	1.2 1.2	-	15VA 25VA 40VA	1.0 1.0 1.0	-
			Protection (2nd core)	15VA 30VA	5P,10P 5P,10P	20 10	12.5VA (B-0.5) 25VA (B-1)	C-50 C-100	-	15VA 25VA 40VA	1P 1P 1P	n)20 n)10 n)10
		2500/5~5~5A~4000/5~5~5A	Protection (3rd core)	15VA 30VA	5P,10P 5P,10P	20 10	12.5VA (B-0.5) 25VA (B-1)	C-50 C-100	-	15VA 25VA 40VA	1P 1P 1P	n)20 n)10 n)10
36C-PA 3rd Winding CT	100In	1000/5A 100/5A~4000/5A 100/5A	Protection (3rd Winding)	-	-	-	-	-	-	15/15VA 40/15VA	1P/5G	n)30 n)20

● Dimension



고압변류기
HV/CT
고압변압기
HV/VT-MOF
저압변류기
LV/CT
저압변압기
LV/VT
보통계전기
RELA Y
누전경보기
E L D
지락계전기
G F R
영상변류기
Z C T
지시전계기
M E T E R
셔트
S H U N T